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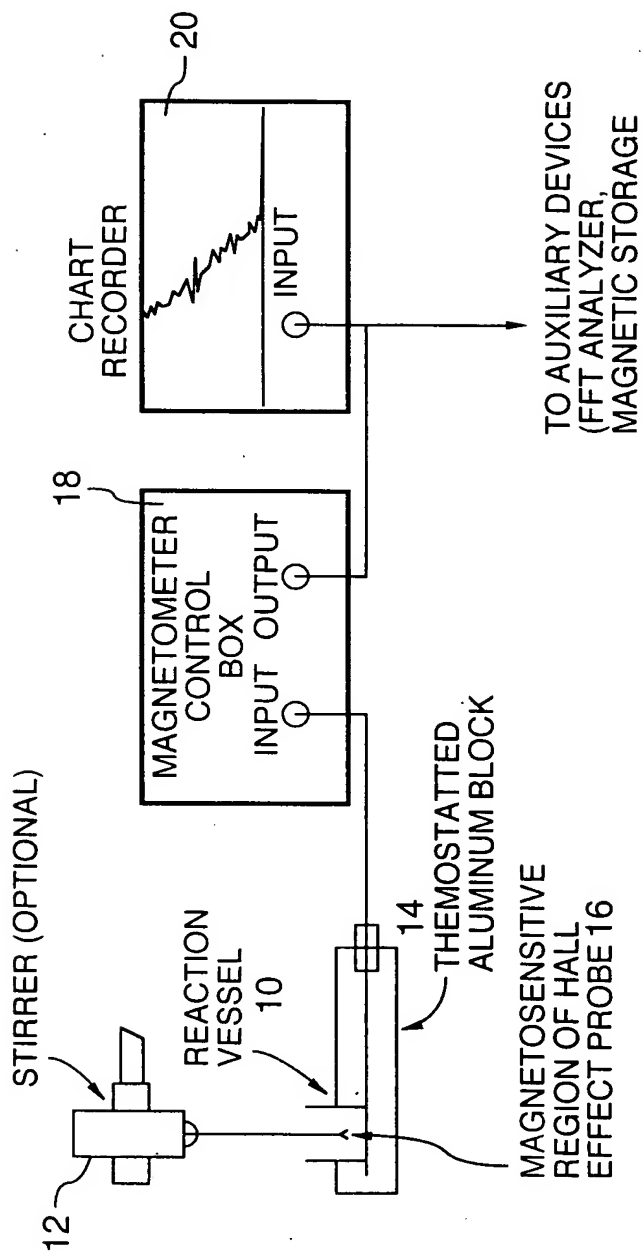
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INSTRUMENTATION, BLOCK DIAGRAM

FIG.1A

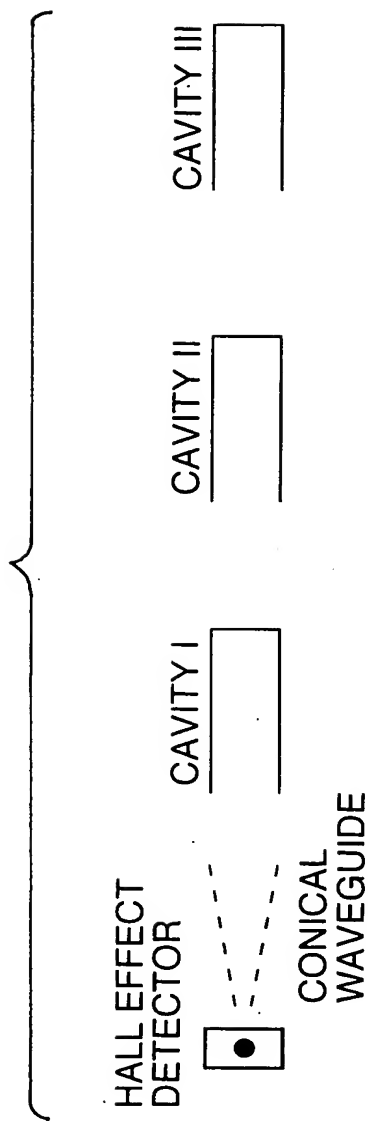


FIG.1B

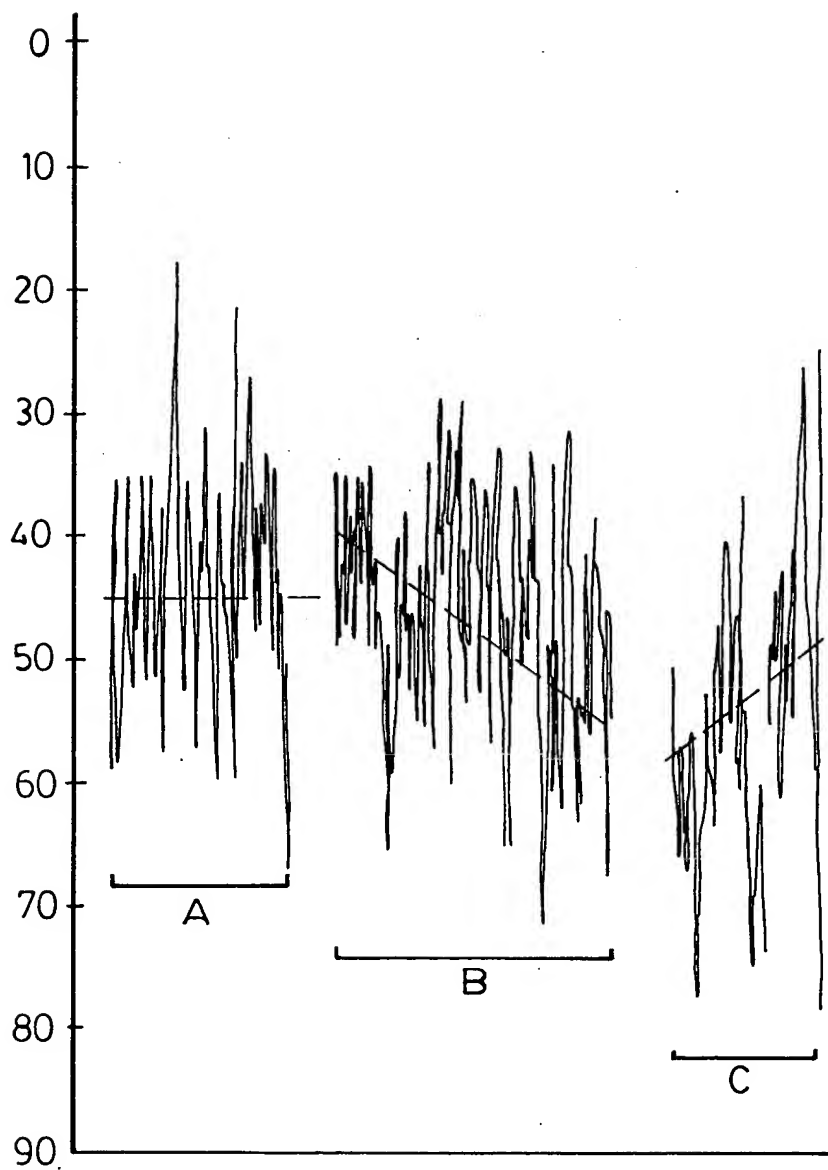


FIG.1c

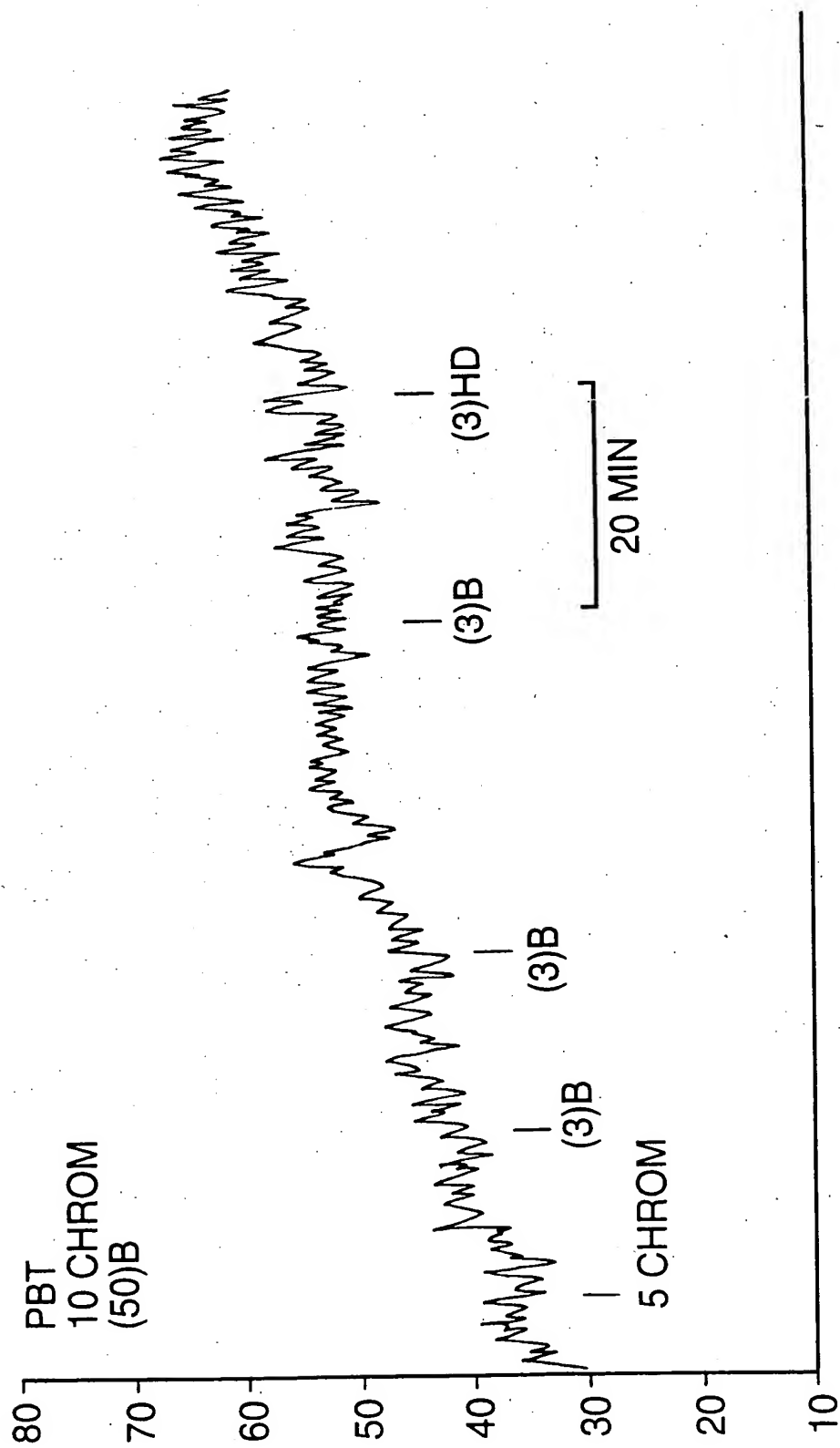


FIG.2.

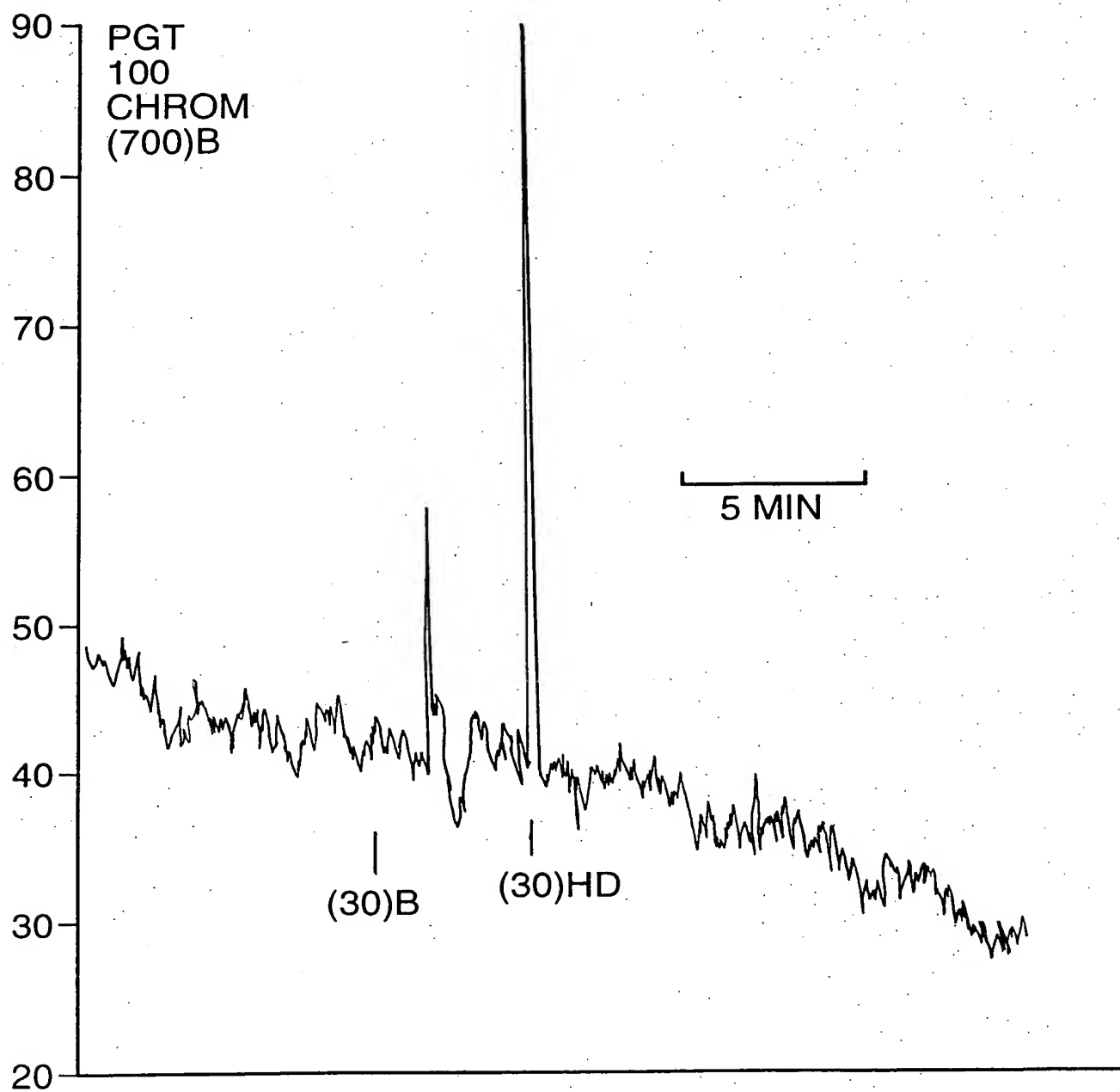


FIG.3.

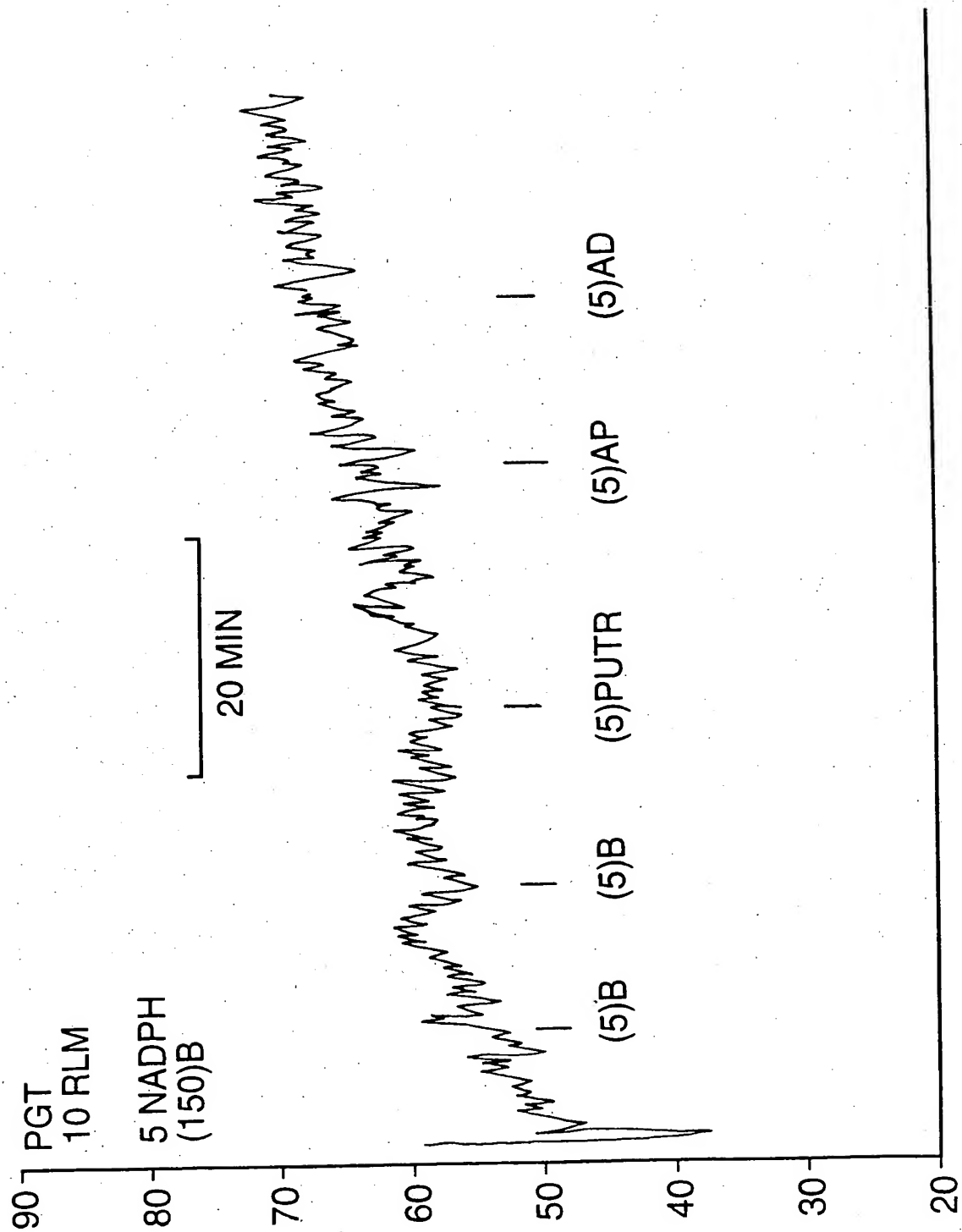


FIG.4.

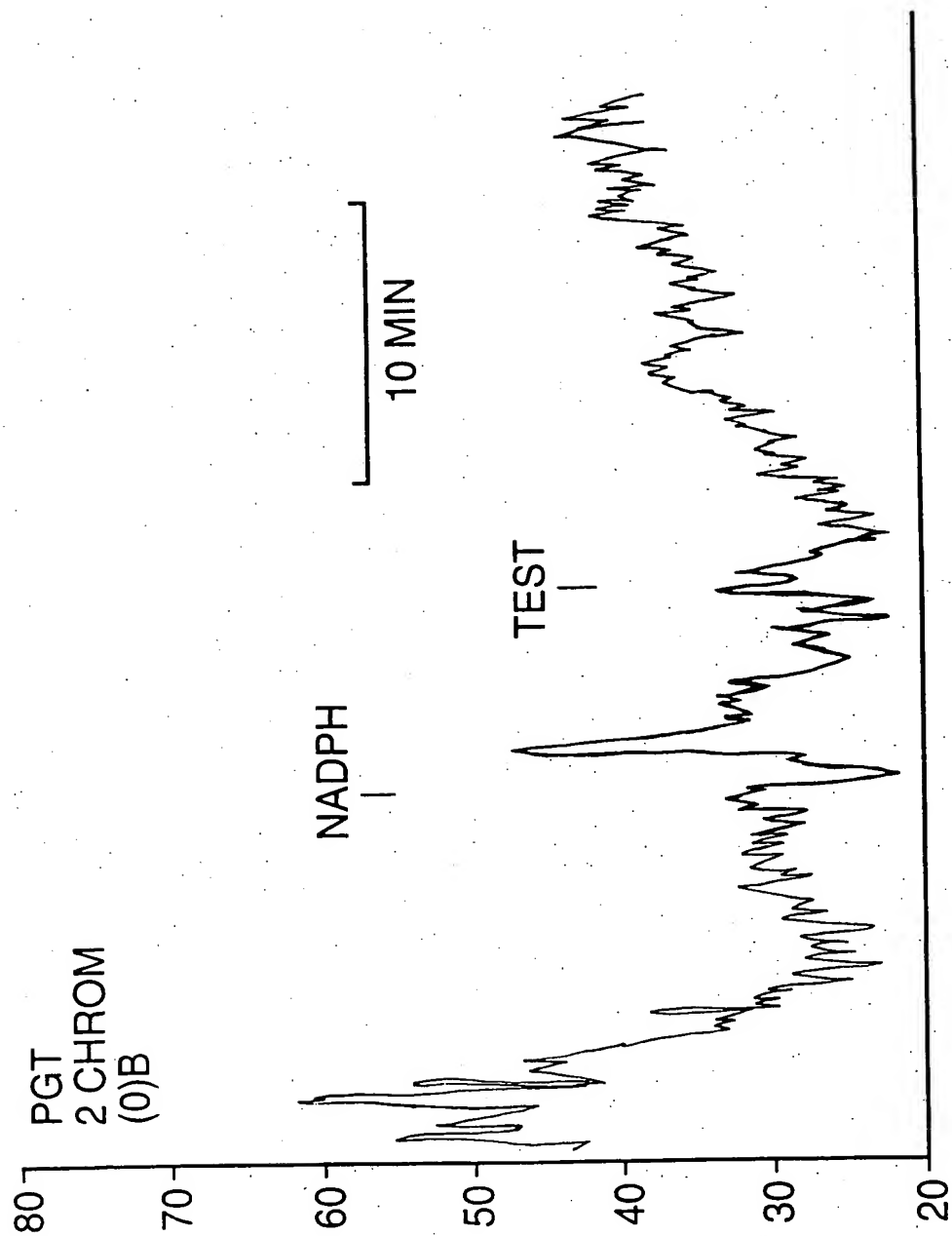


FIG.5.

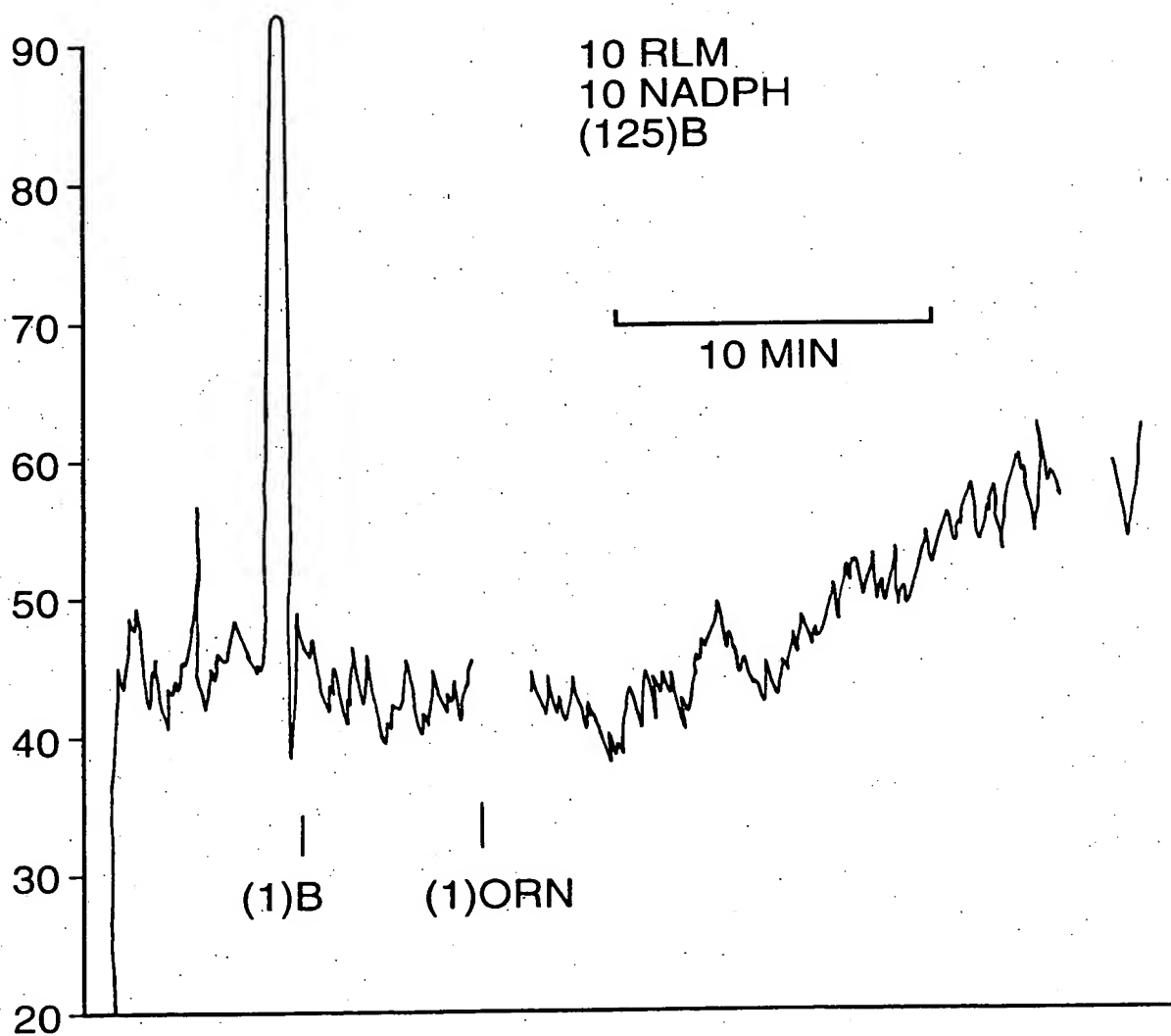


FIG.6.

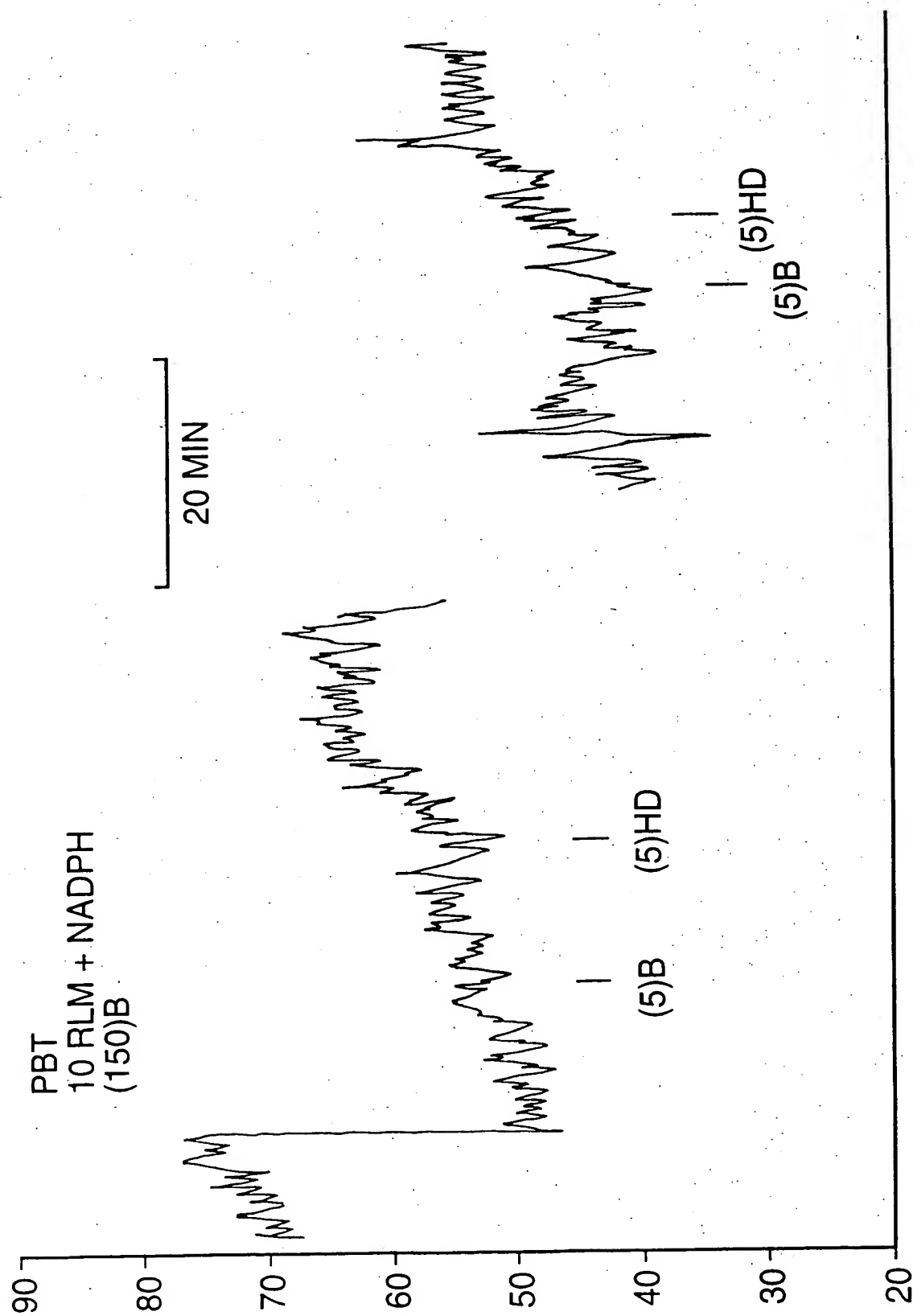


FIG.7.

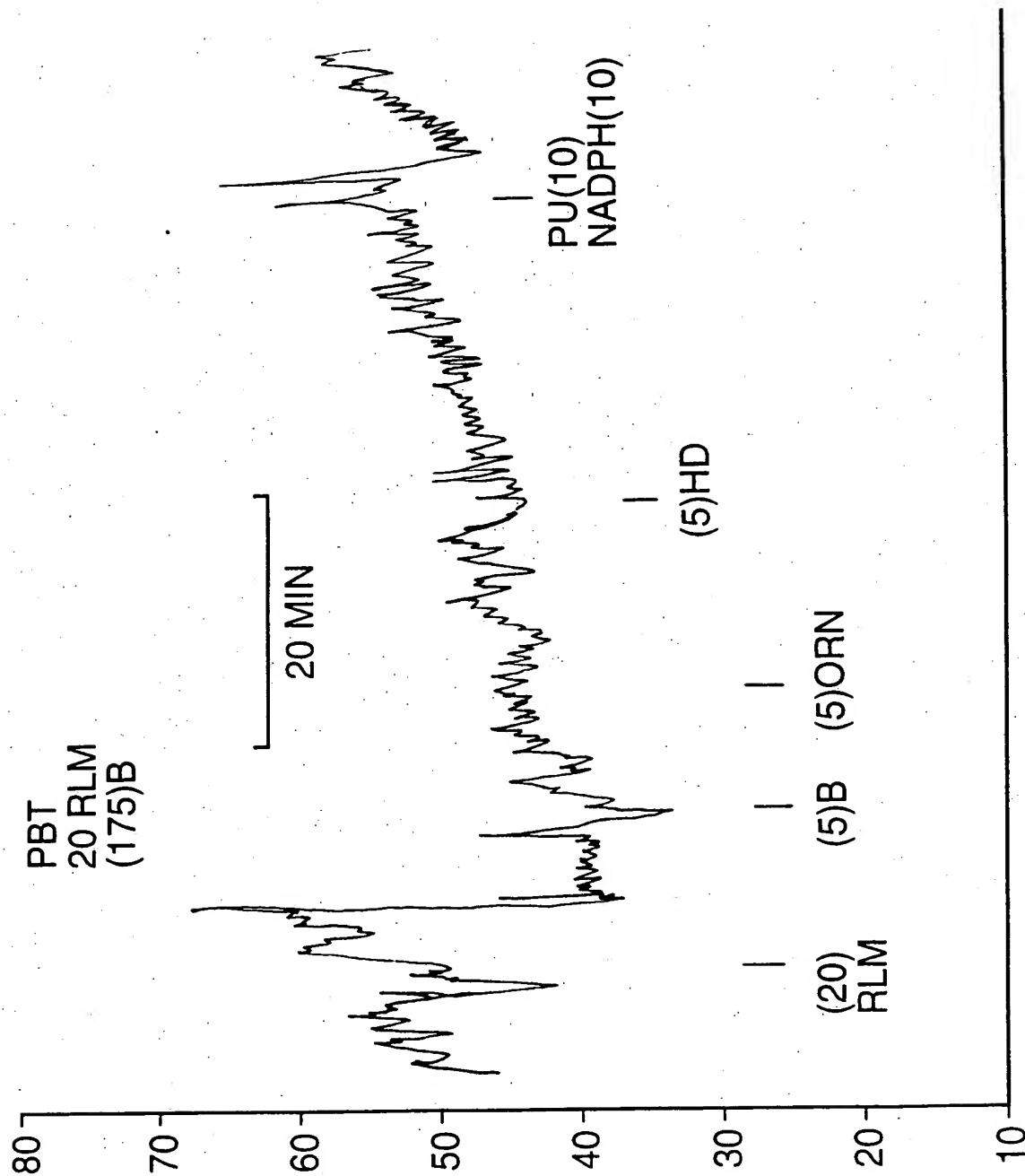


FIG.8.

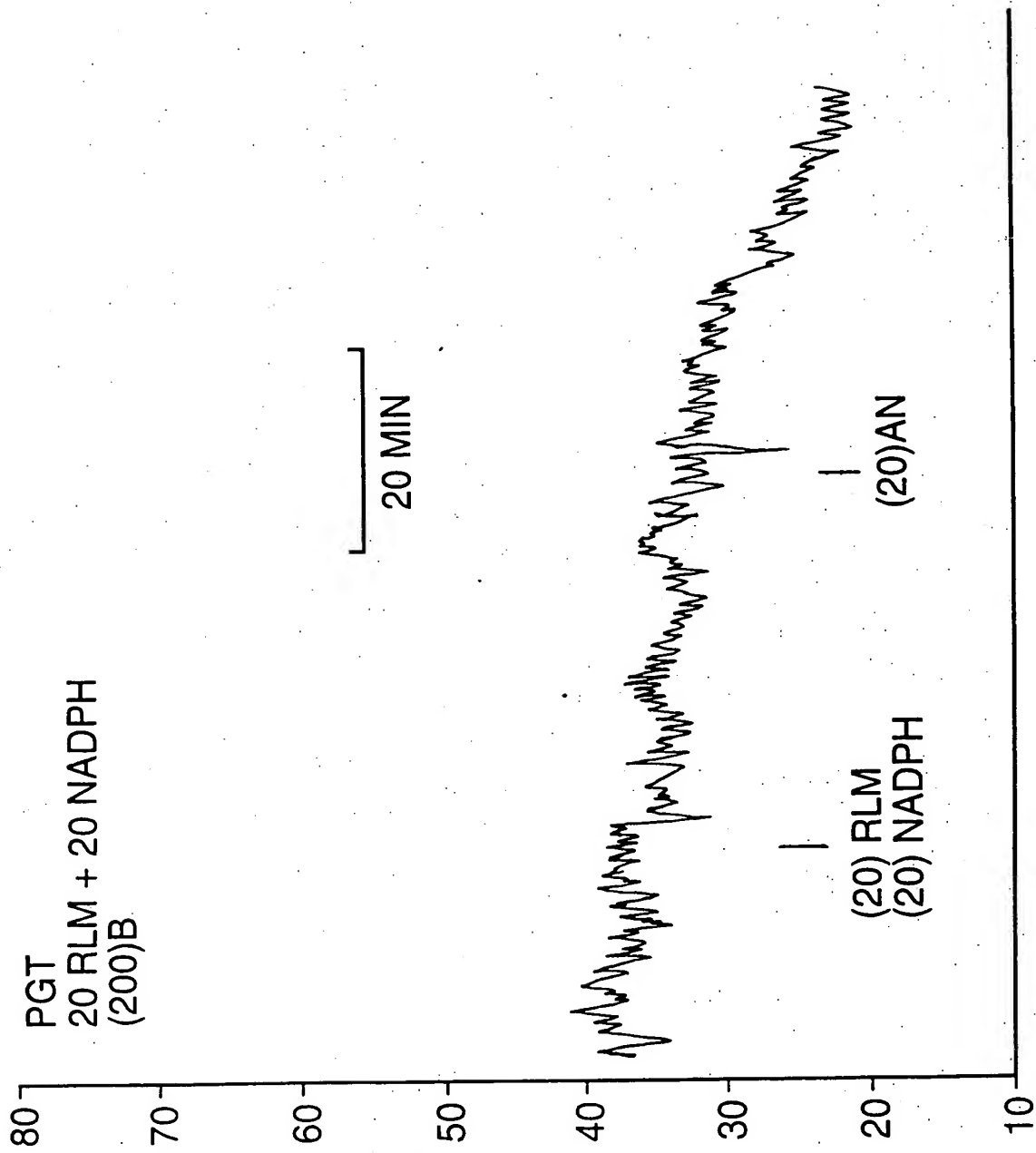


FIG.9.

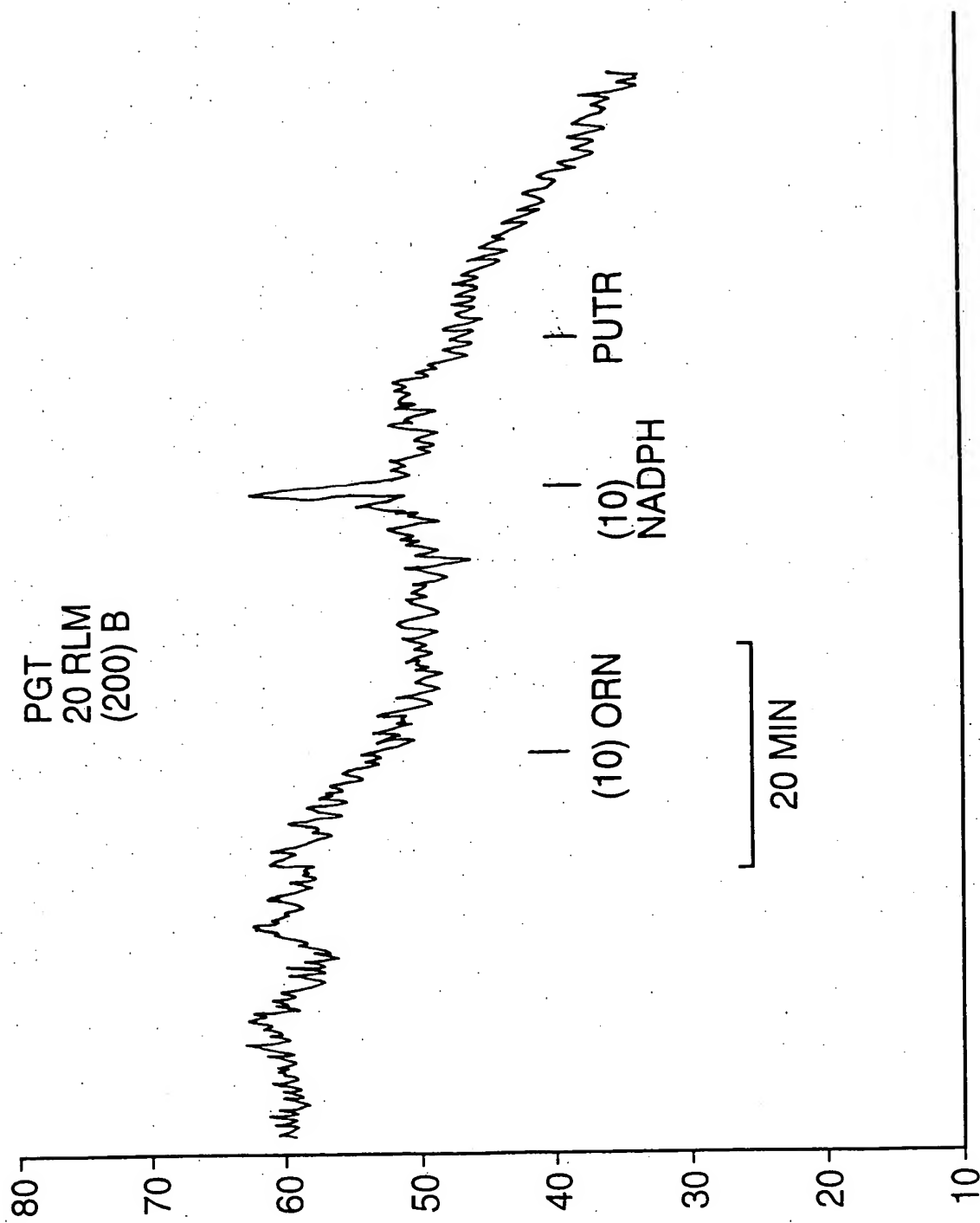


FIG.10.

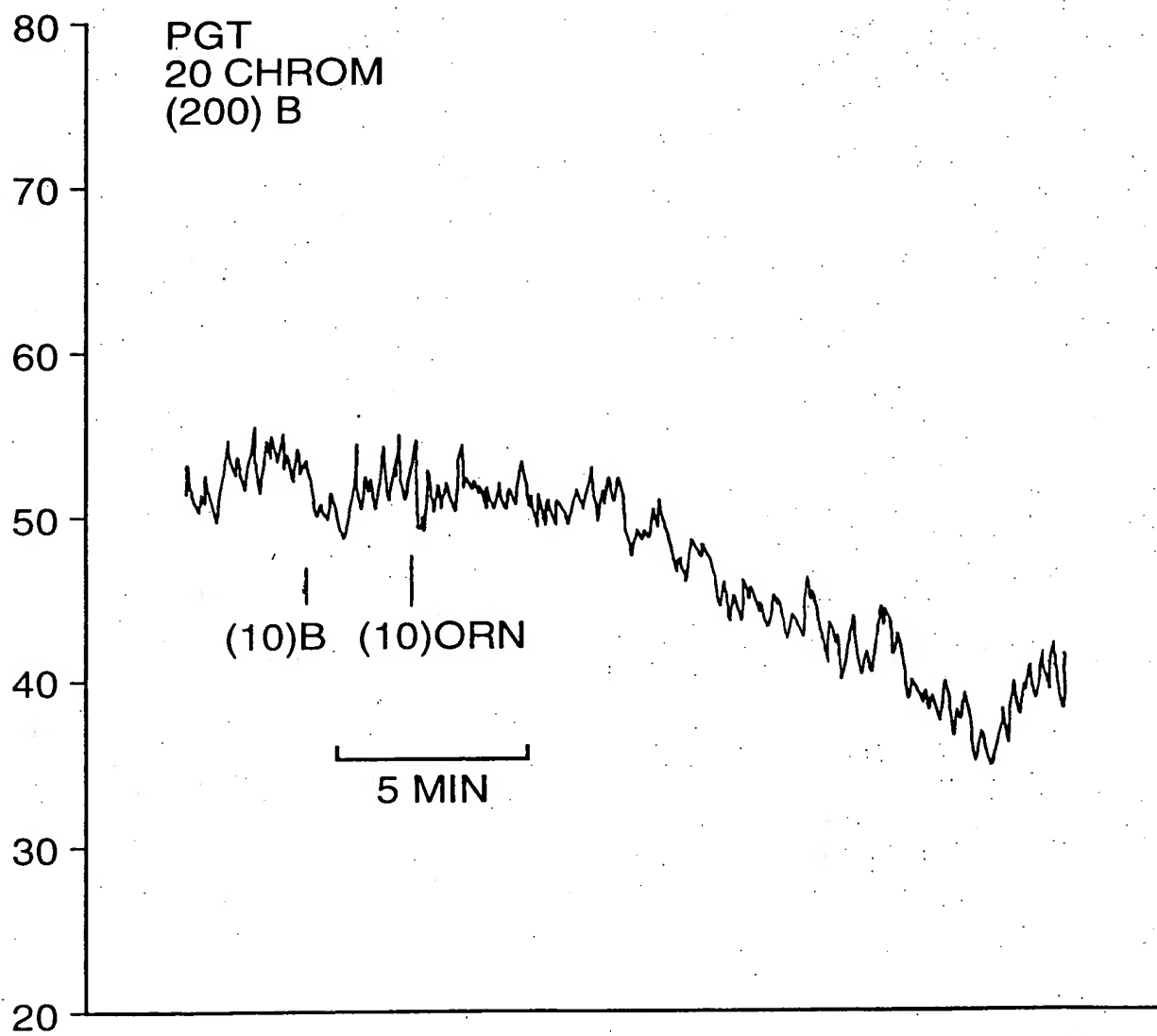


FIG.11.

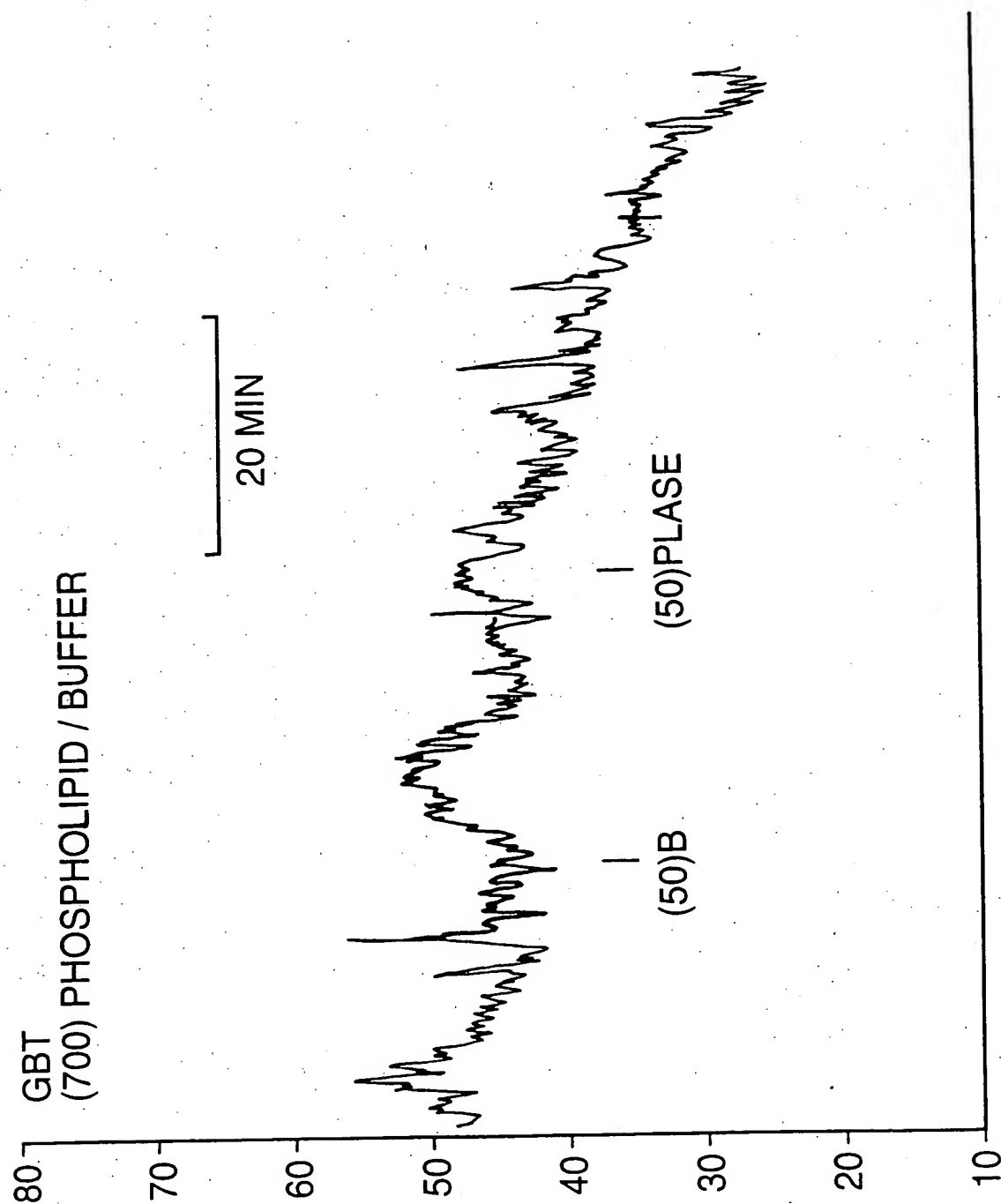


FIG.12.

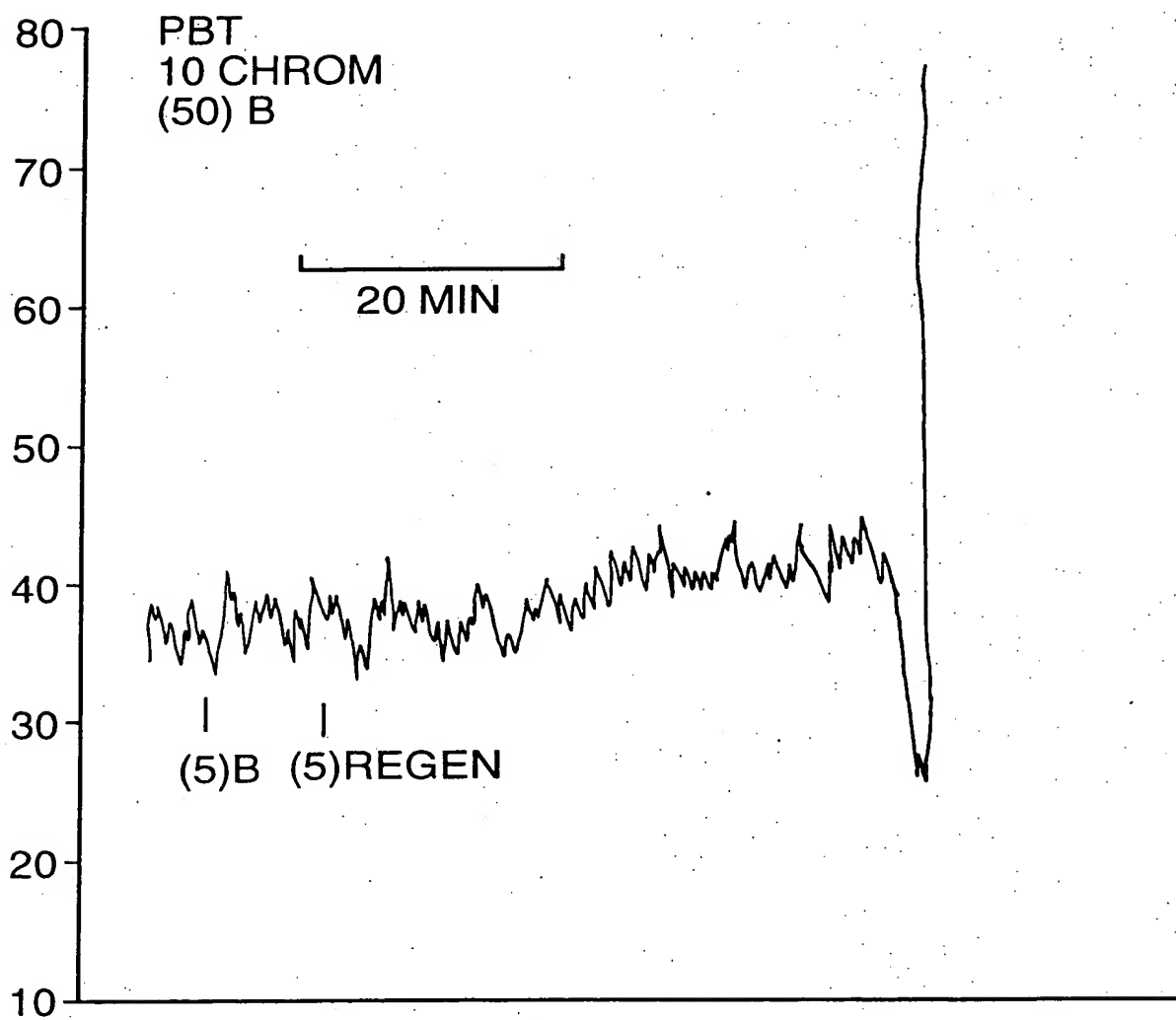


FIG.13.

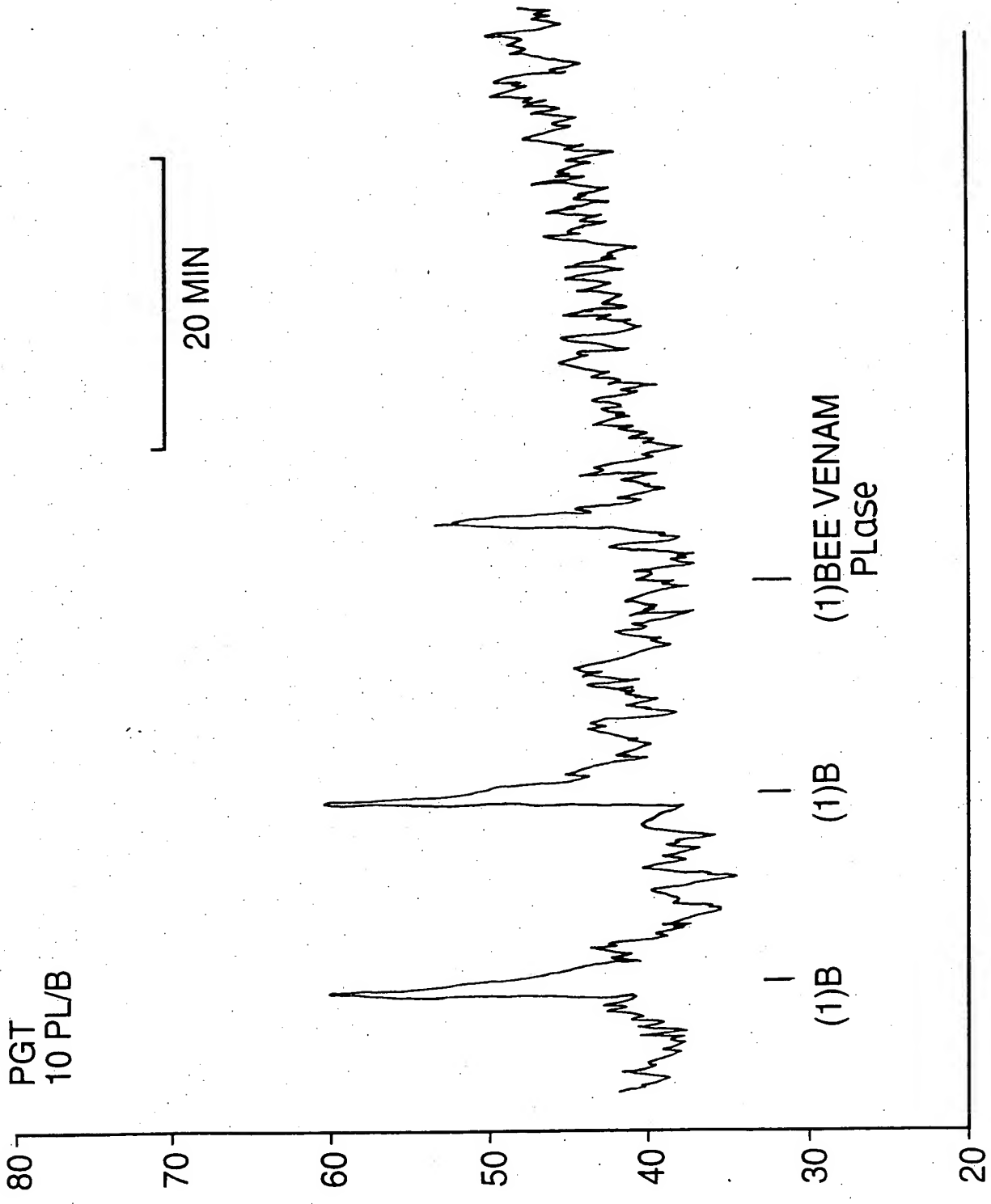


FIG.14.

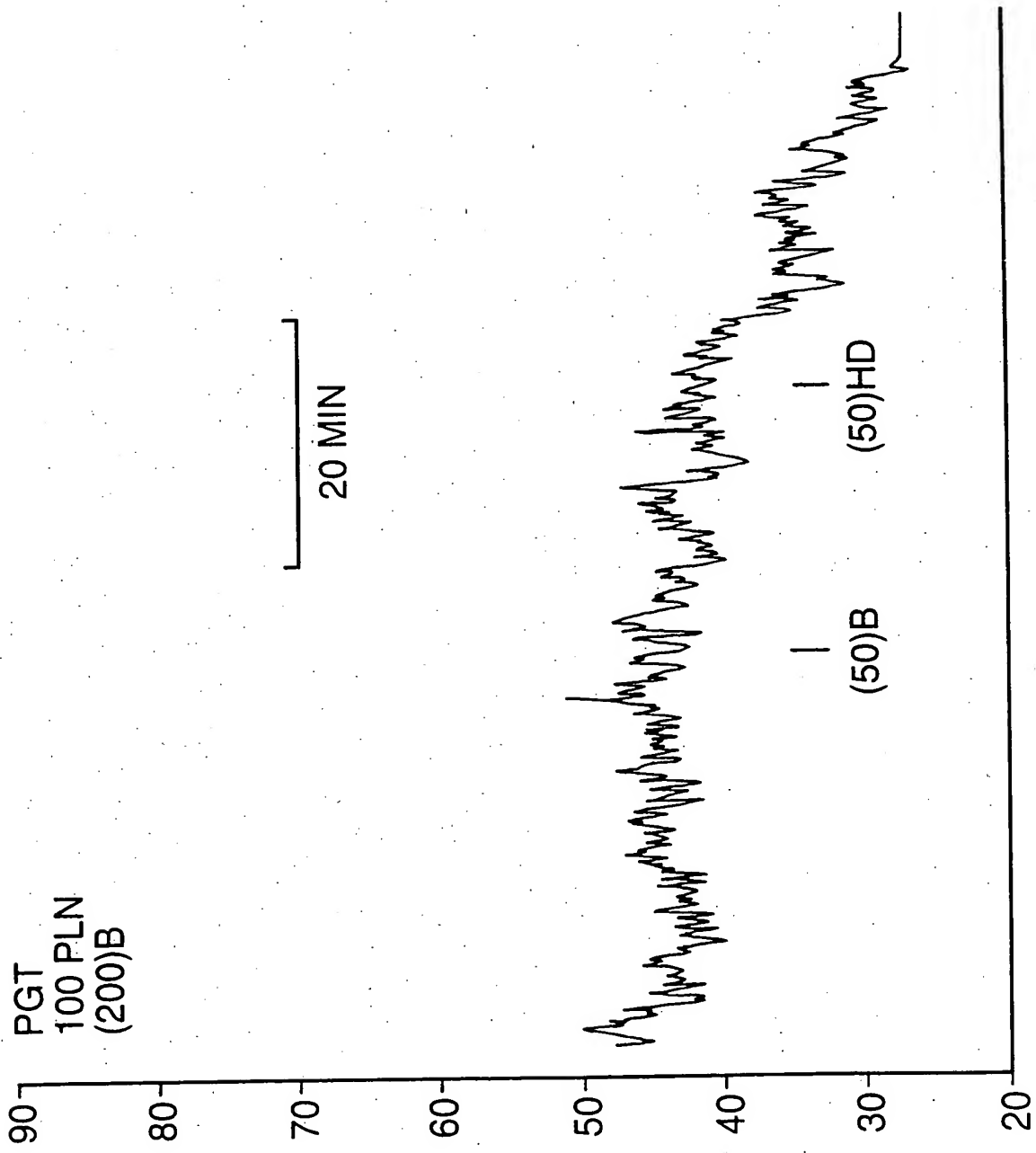


FIG.15.

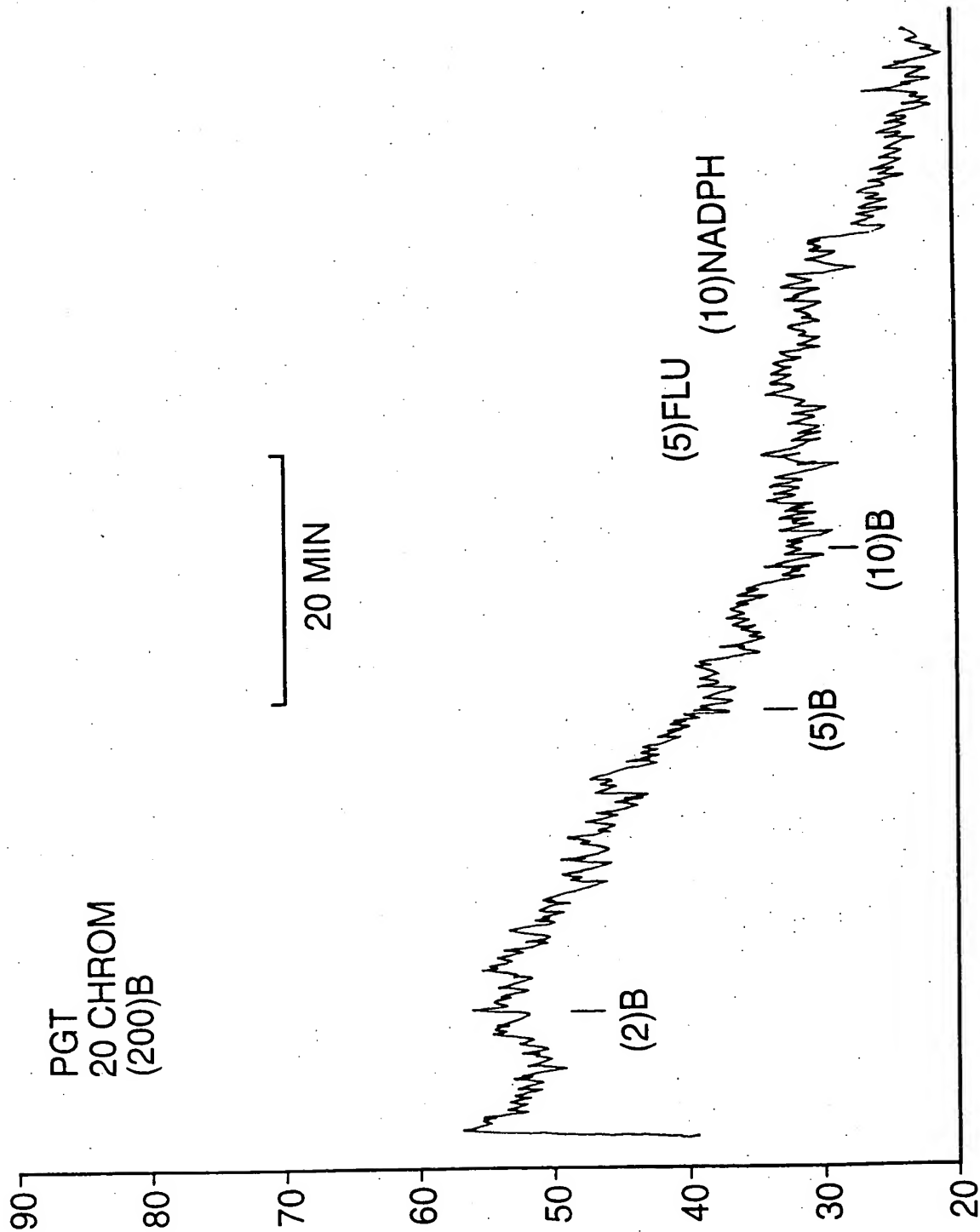


FIG.16.

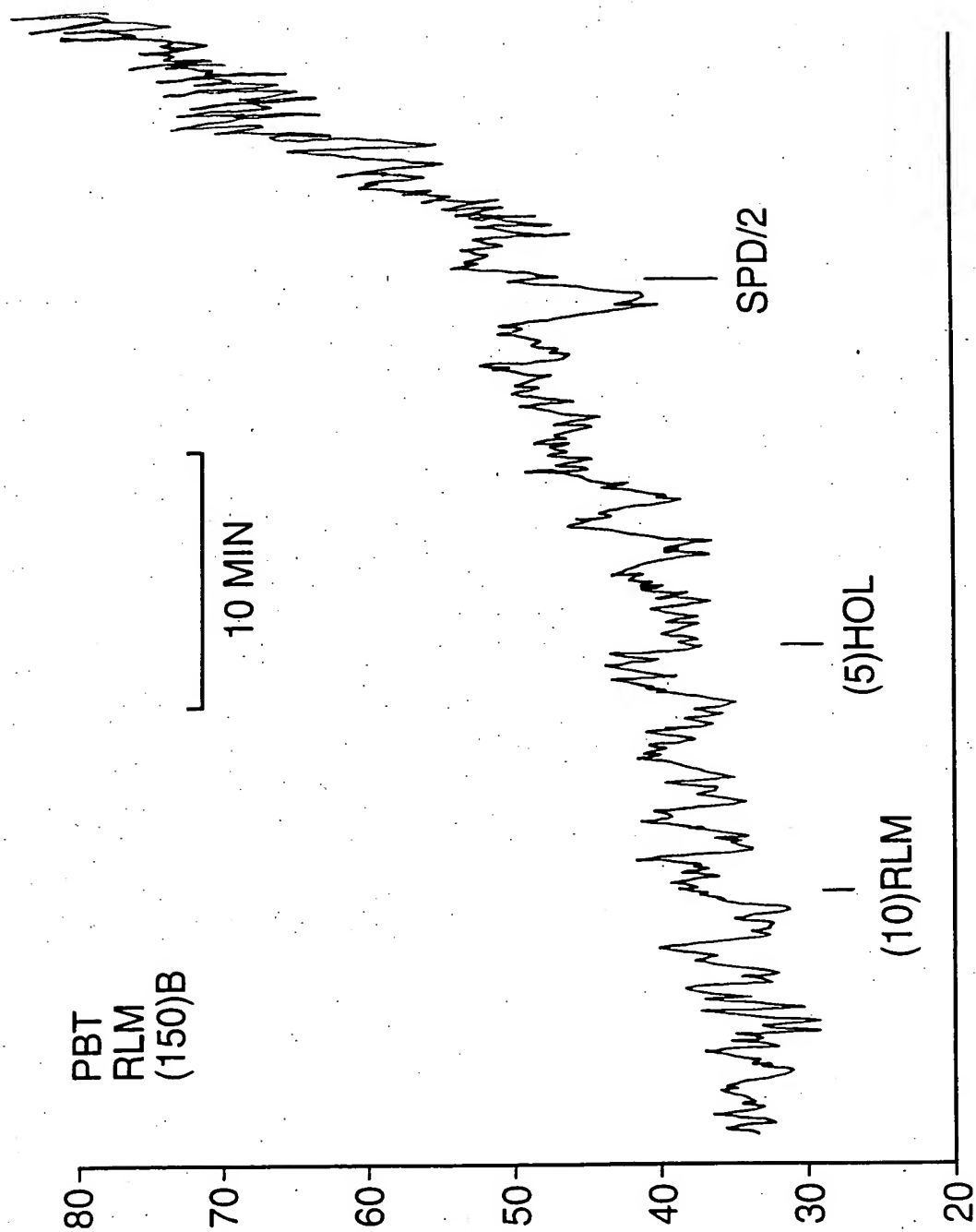


FIG.17.

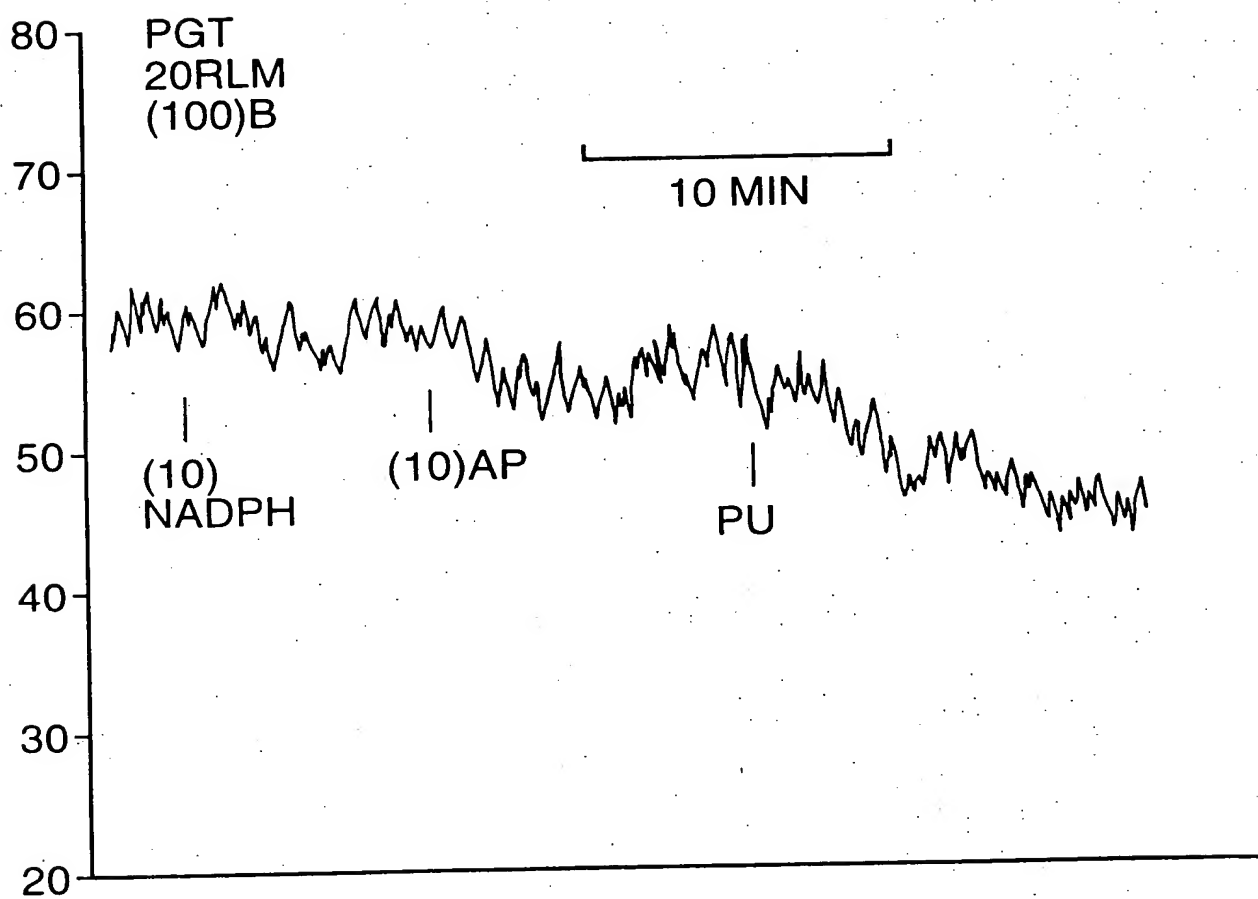


FIG.18.

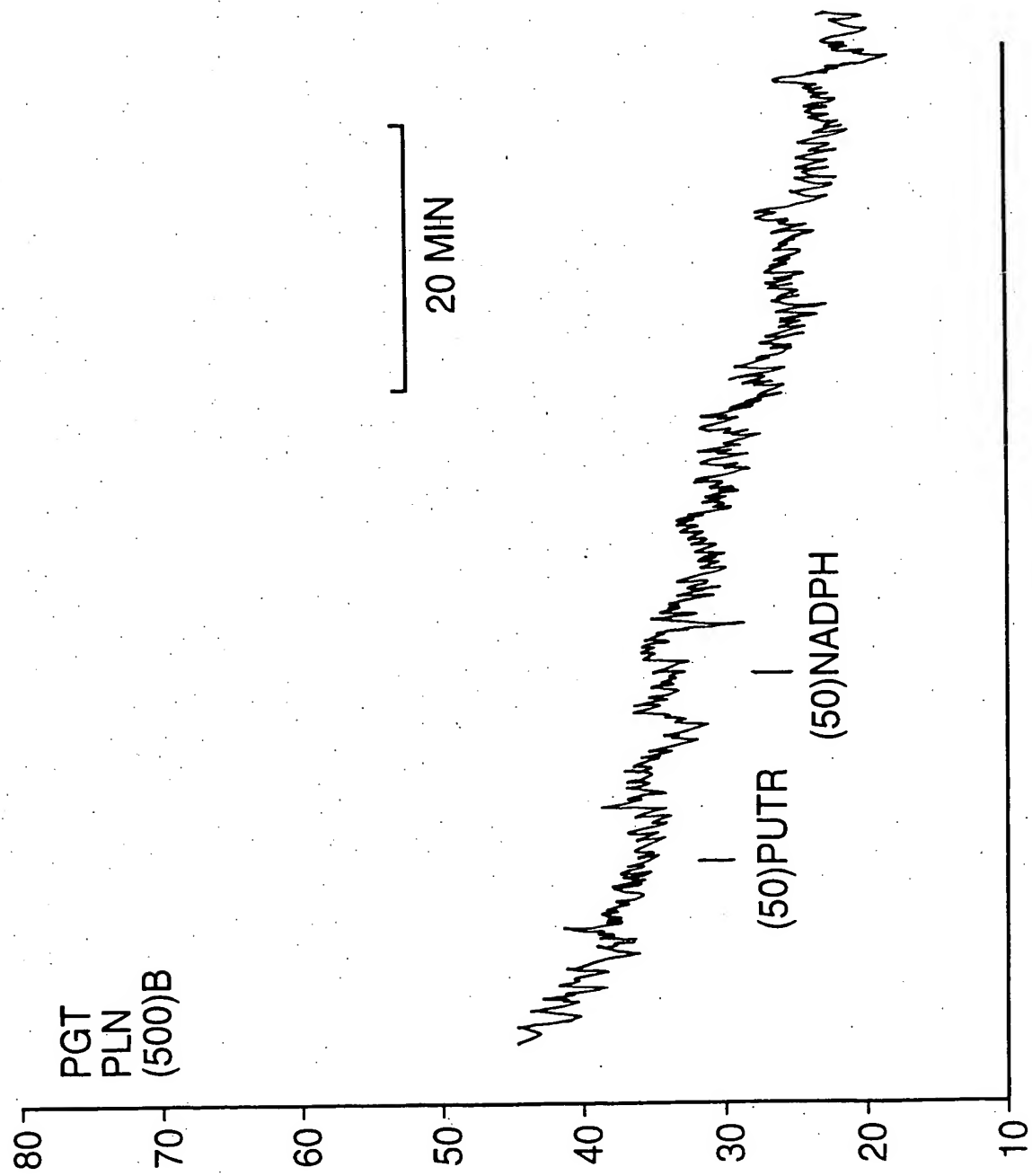


FIG.19.

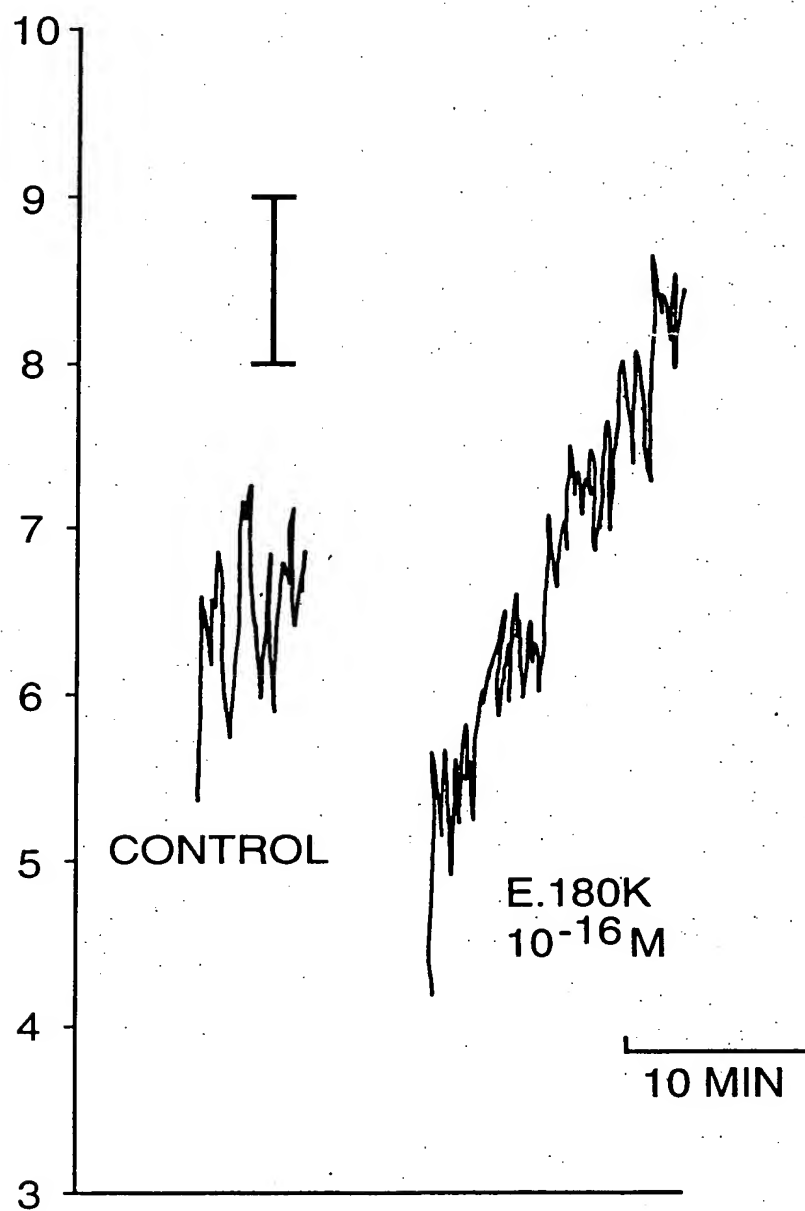


FIG.20.

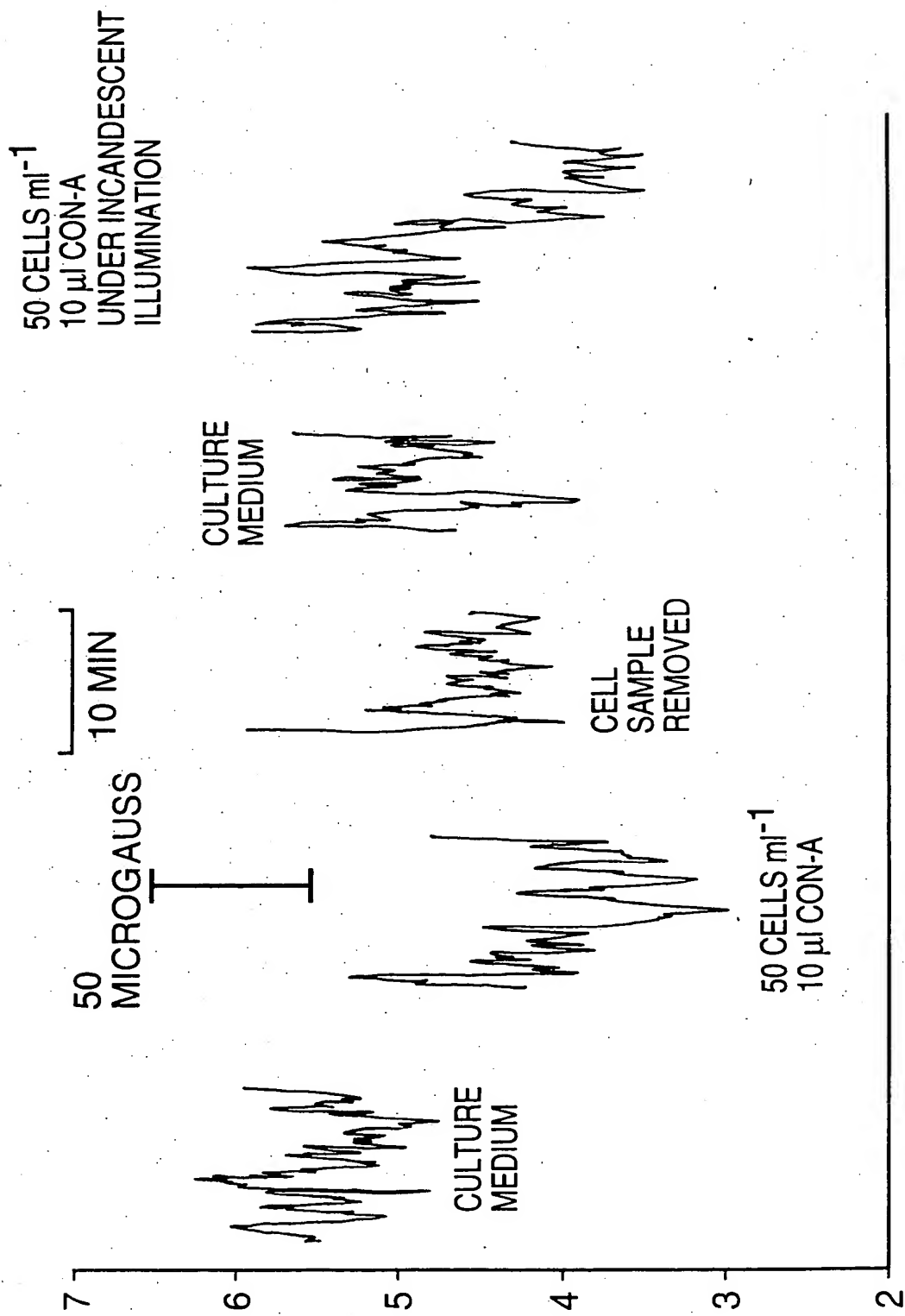


FIG.21.

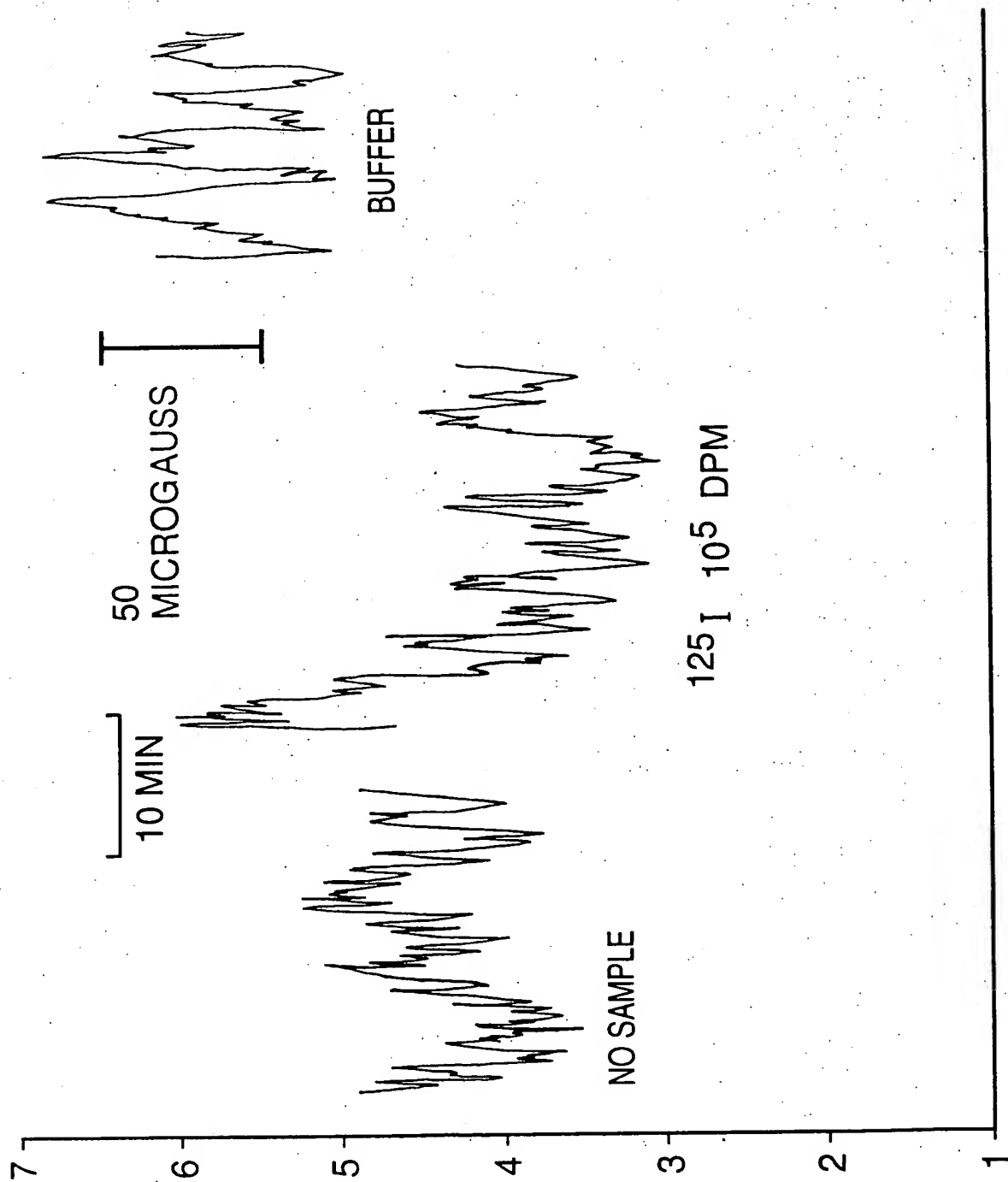


FIG.22.

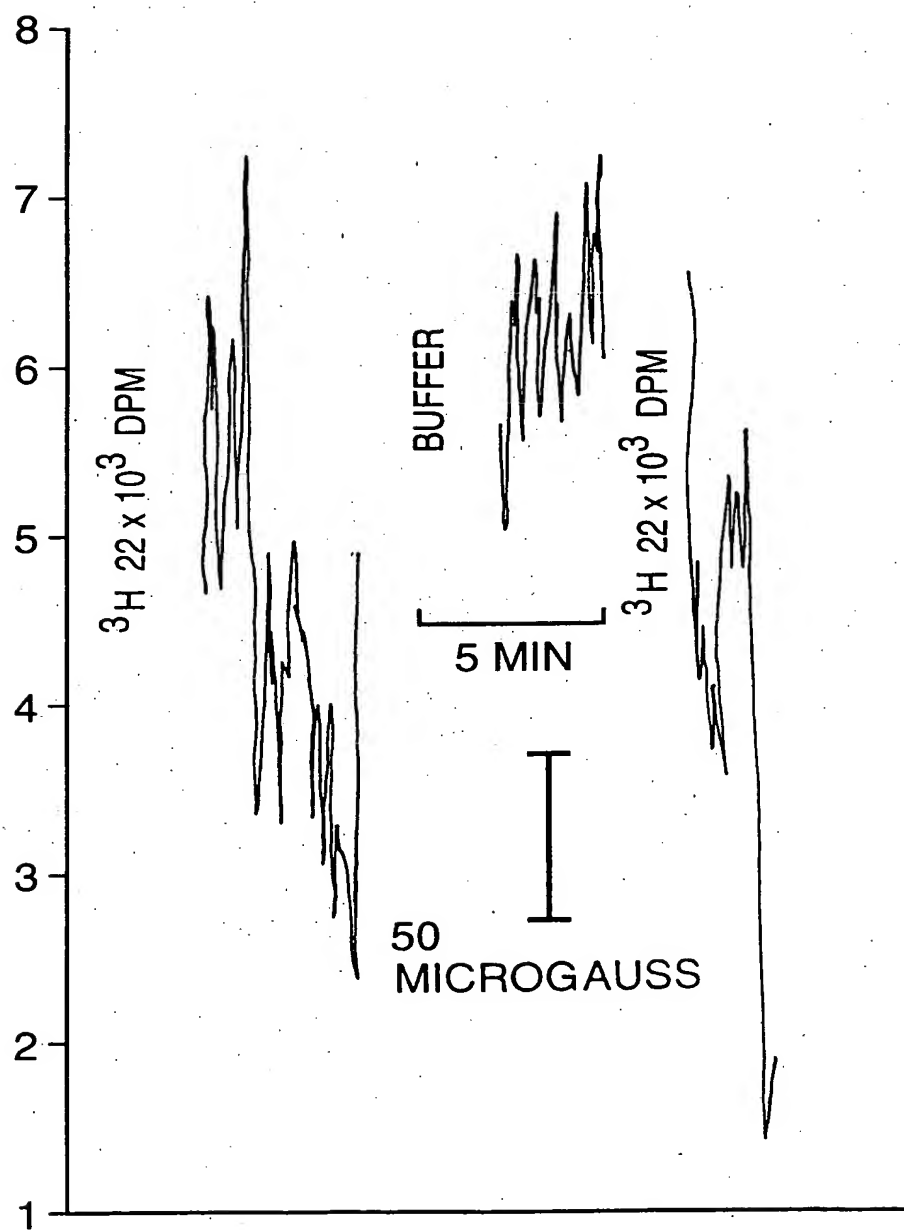
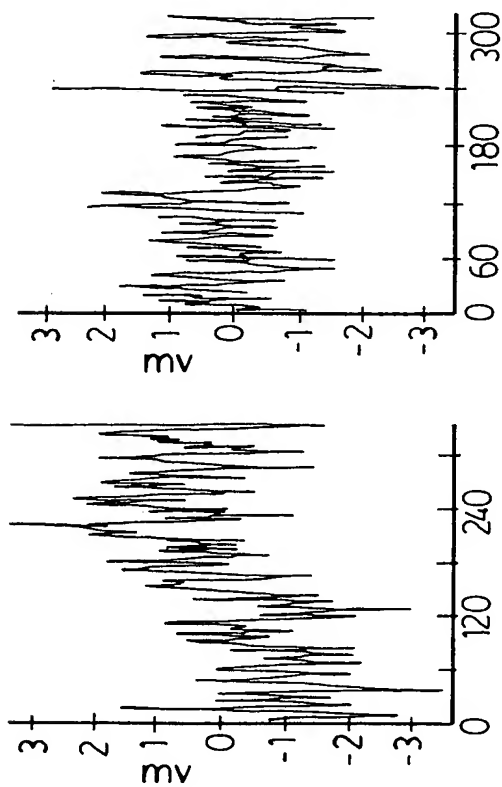


FIG.23.

FOUR INDIVIDUAL RUNS WITH HYDRAZINE



FOUR INDIVIDUAL RUNS WITH A CONTROL BOTTLE

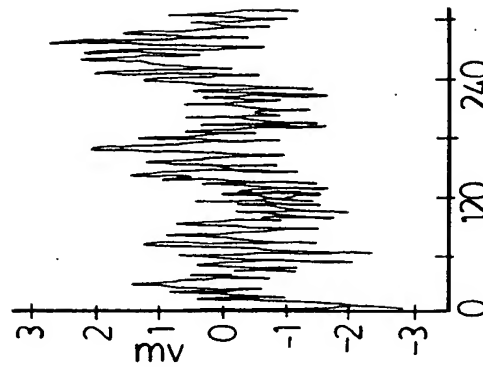
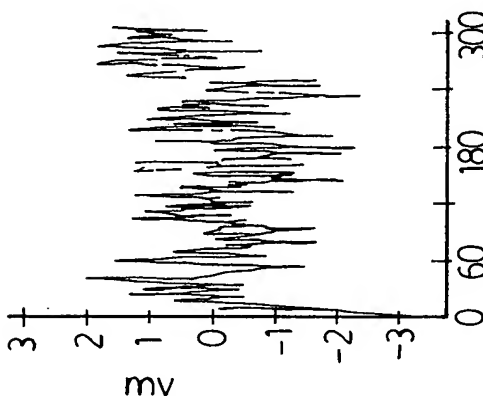
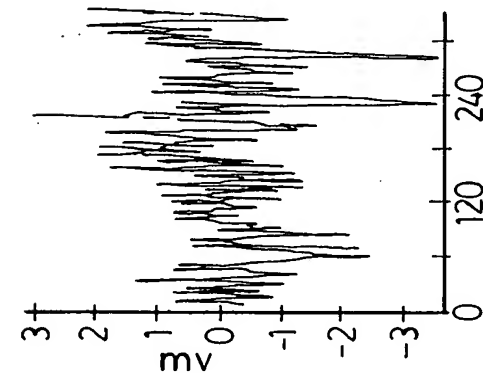
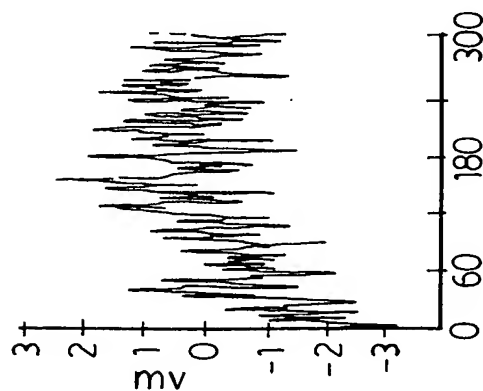
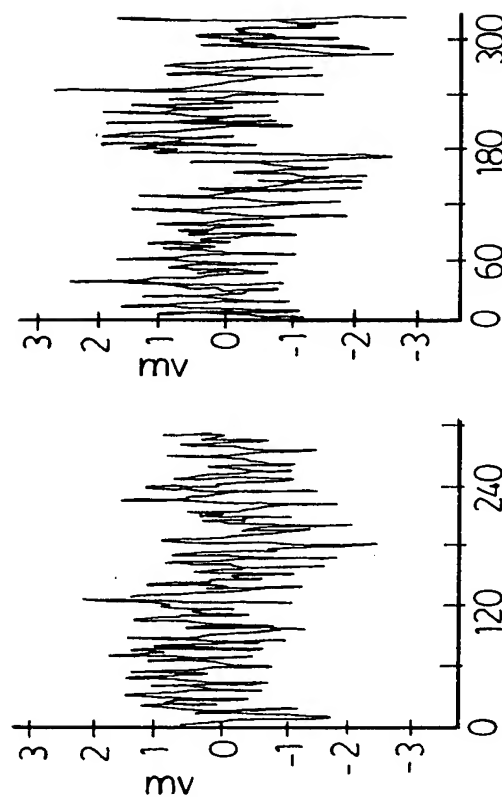


FIG.24

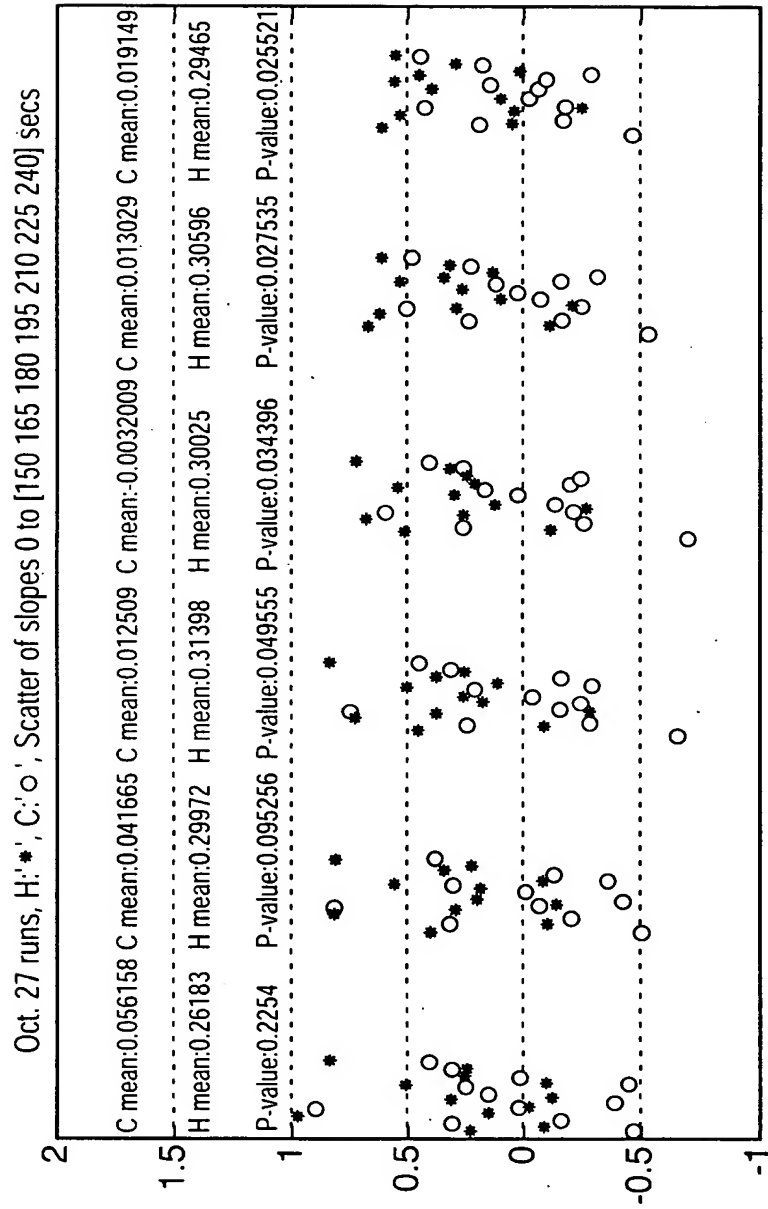


FIG.25A

H:*, C:o', Scatter of 95% Confidence Limits on slopes

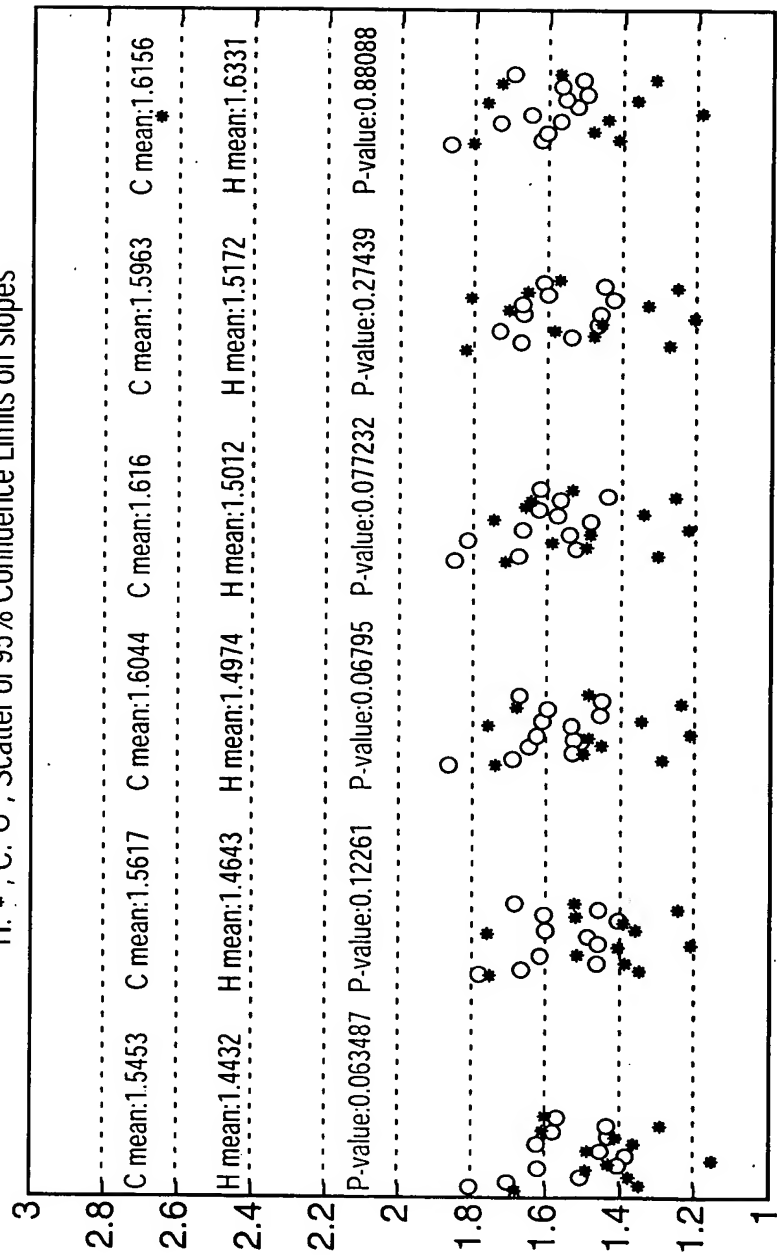


FIG.25B

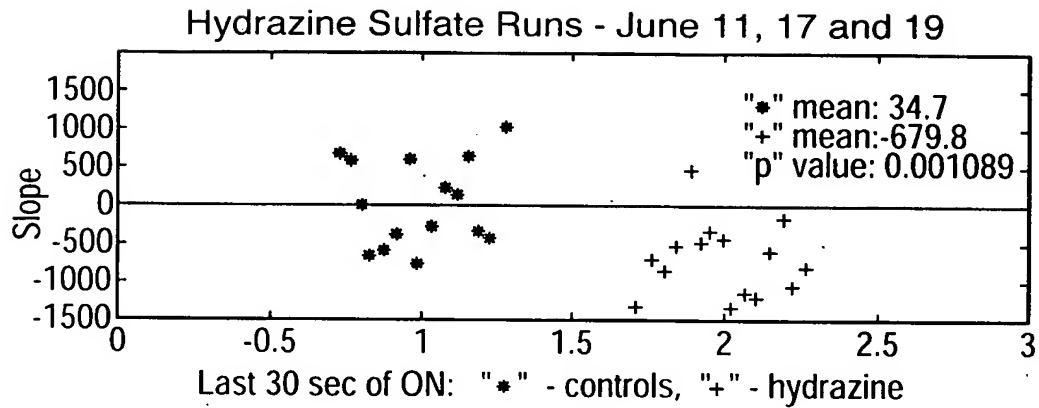


FIG.26A

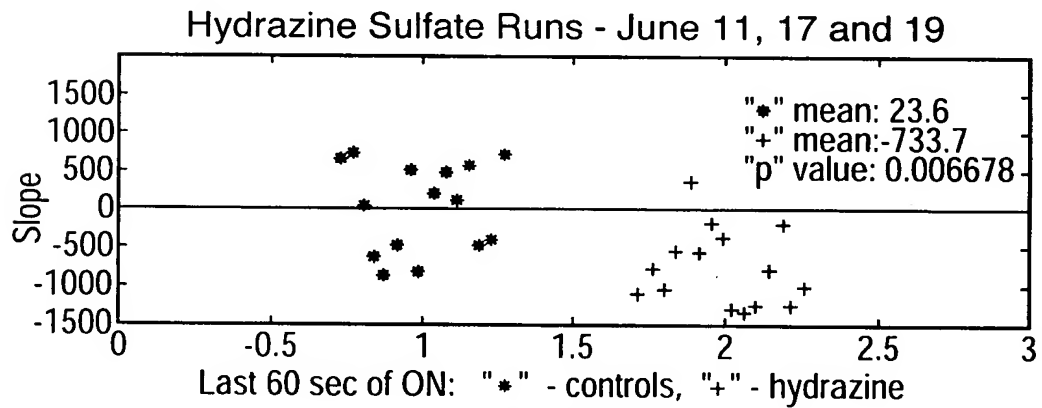


FIG.26B

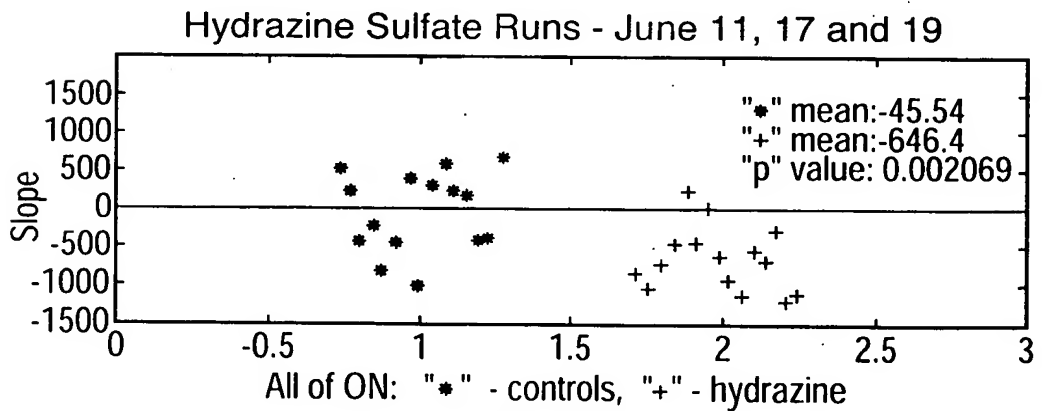


FIG.26C

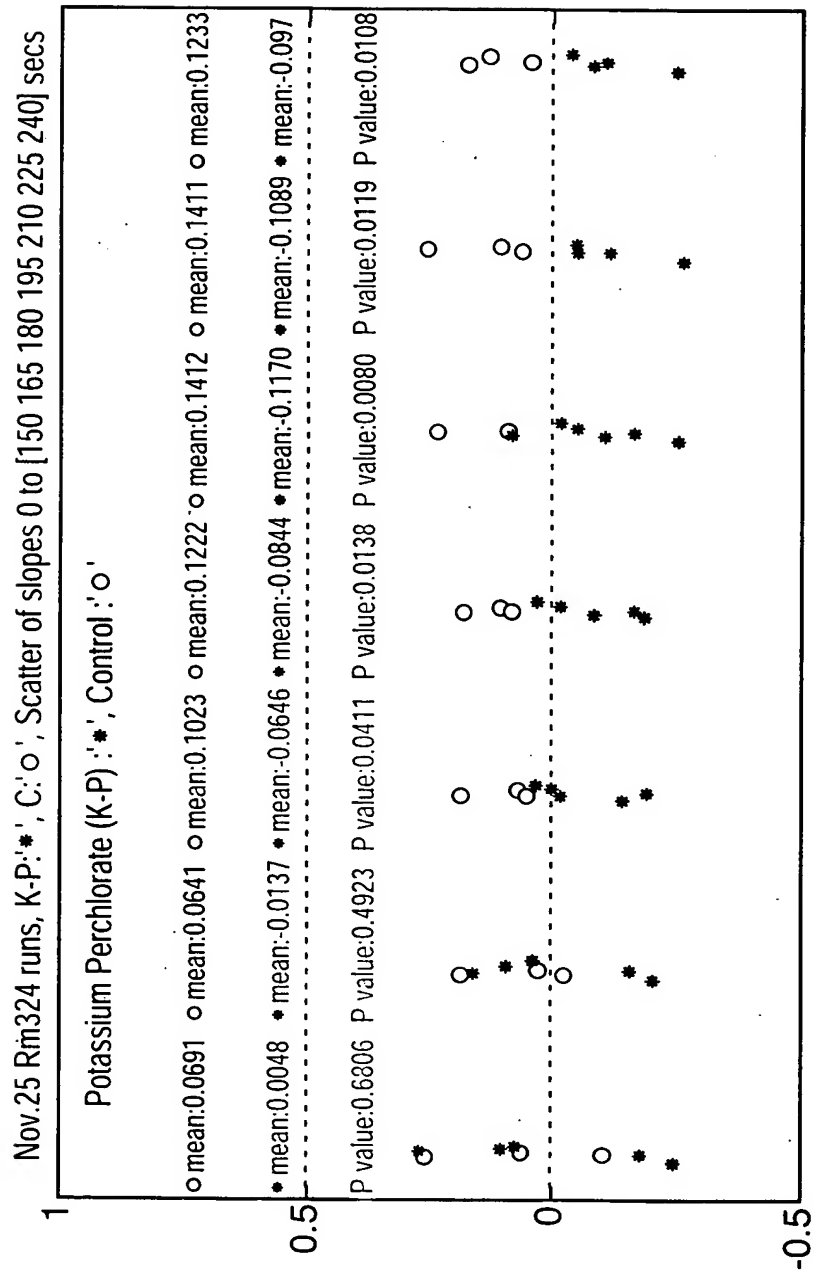


FIG.27A

K-P: *; C: o; Scatter of 95% Confidence Limits on slopes

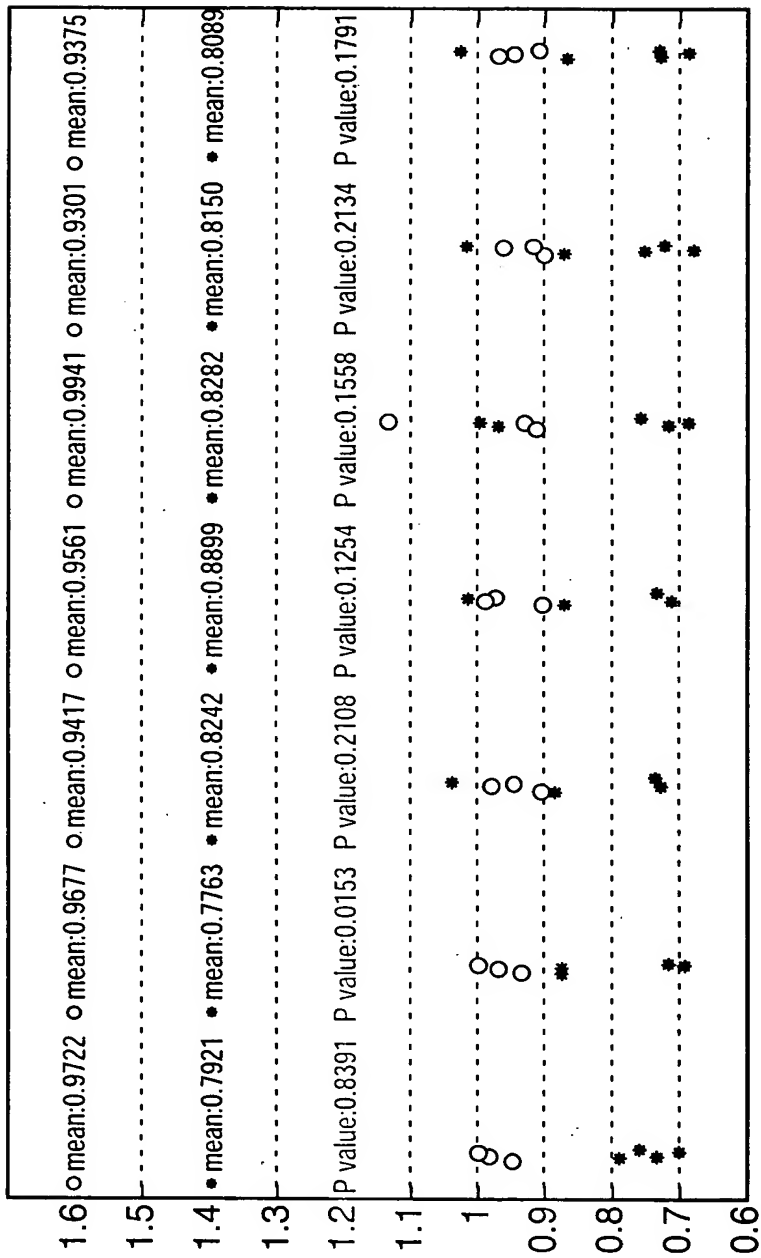


FIG.27B

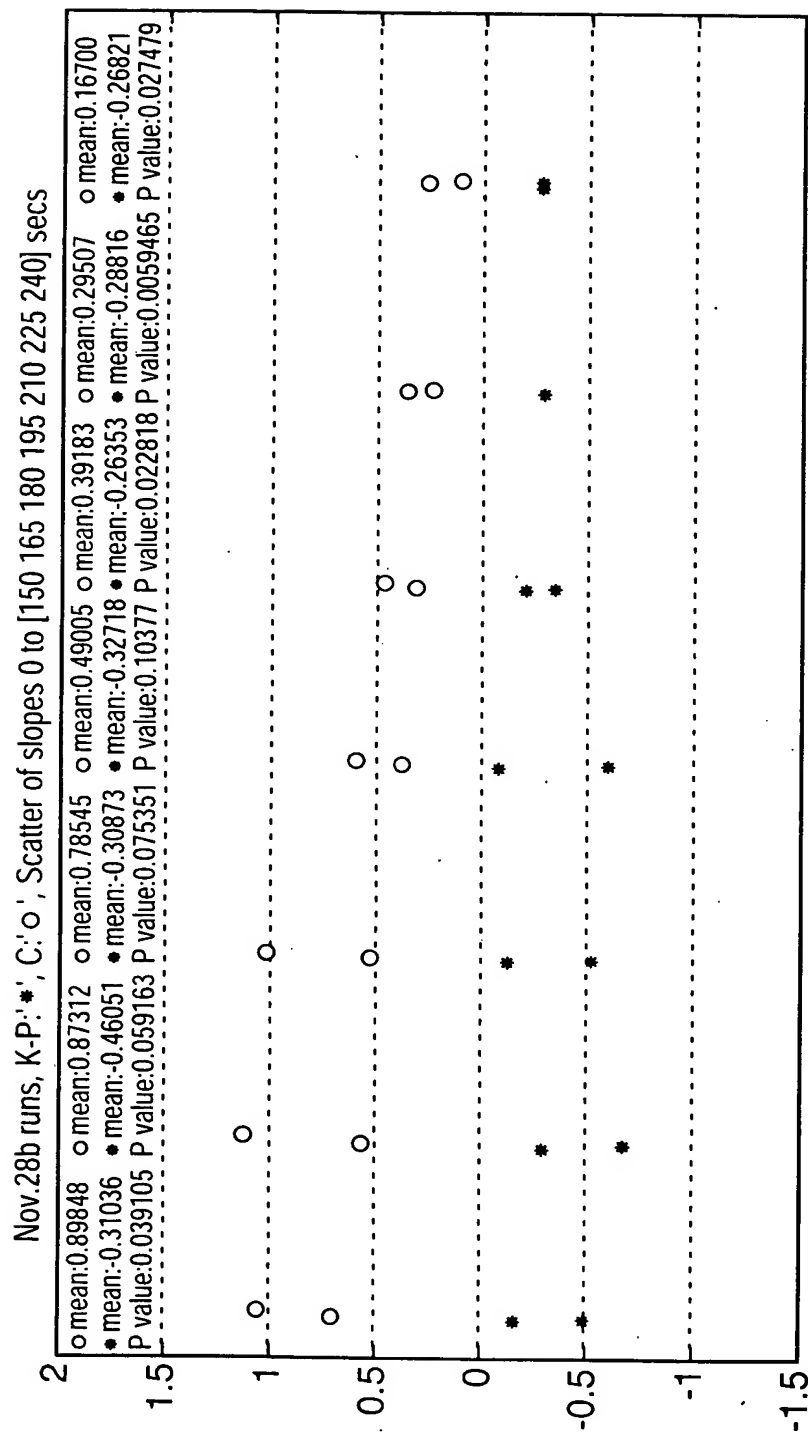


FIG.28A

K-P: '•', C: 'o'; Scatter of 95% Confidence Limits on slopes

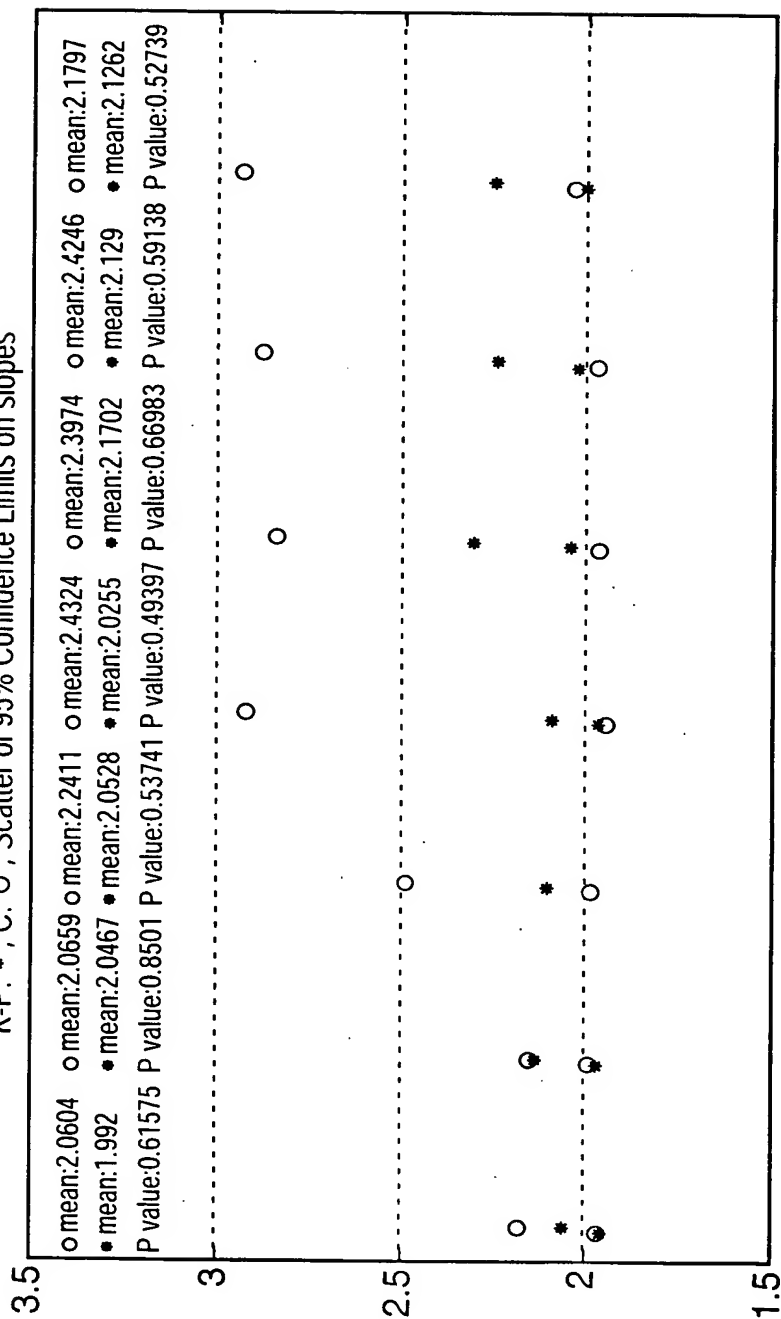


FIG.28B

Fig.29 A

COMPUTER-GENERATED
FACSIMILE OF CHART
RECORDING

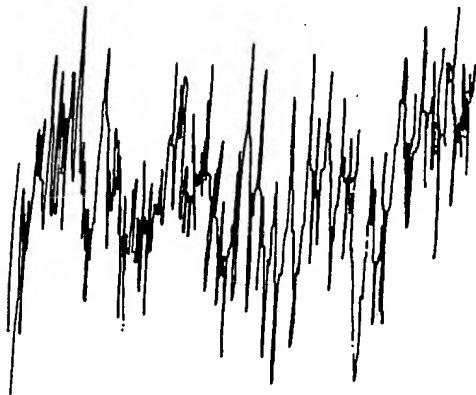
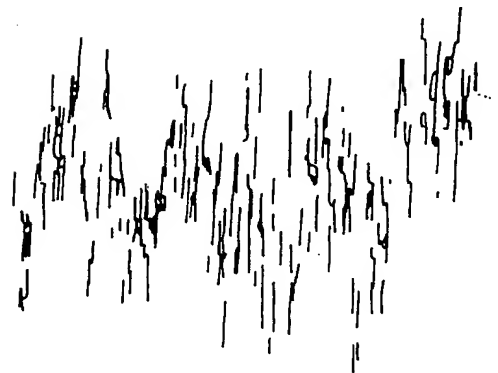


Fig.29 B

ELIMINATION OF DENSITIES
BELOW AN ARBITRARY
THRESHOLD. SHOWN ON
COMPUTER SCREEN
FACSIMILE OF CHART
RECORDING



REPRESENTATIVE CALCULATIONS

- * number of densities:136
- * number of densities with areas > 70 units
- * Total area of densities: 5709 units
- * Total area of densities > 70 units: 2559 units

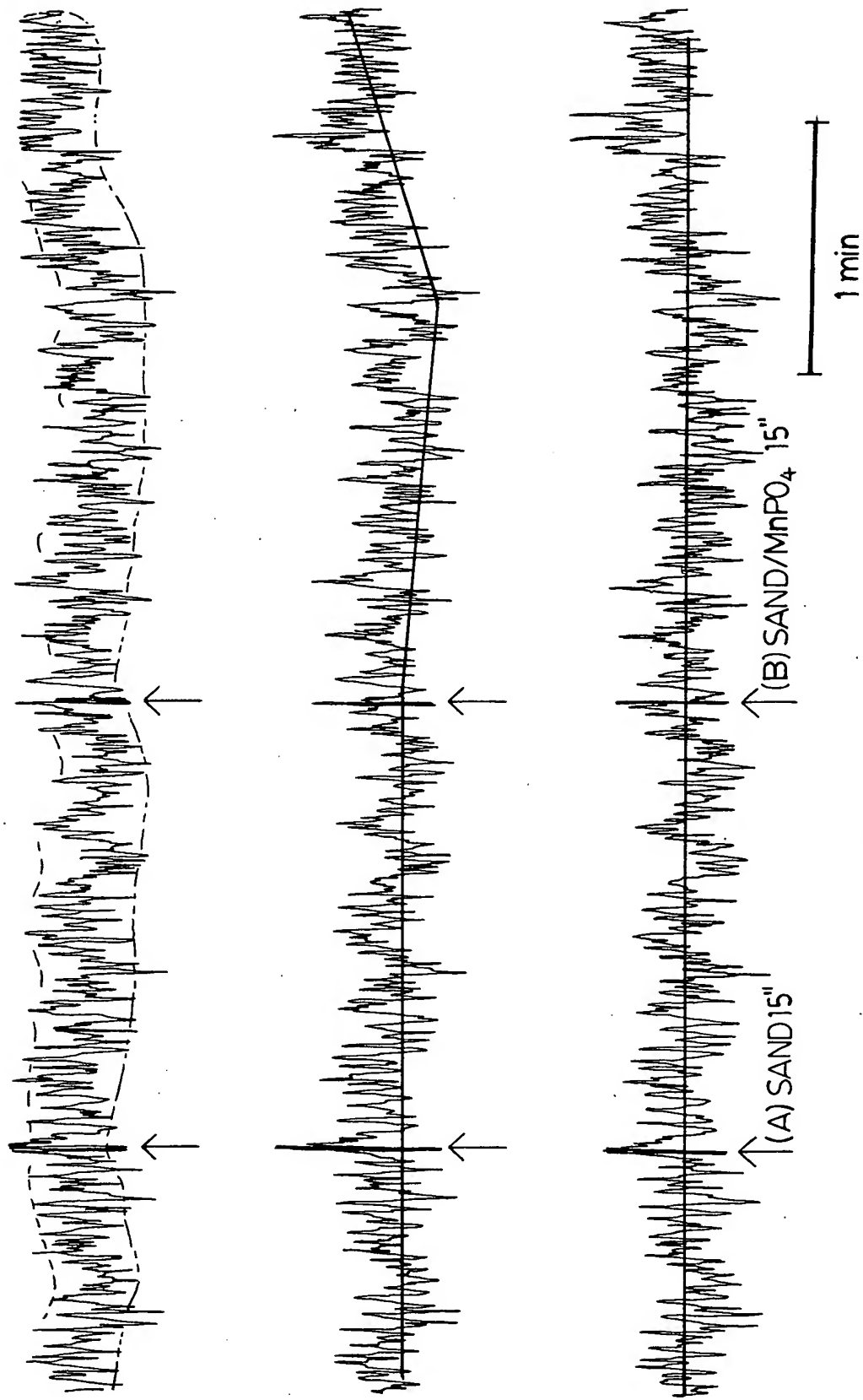


FIG.30

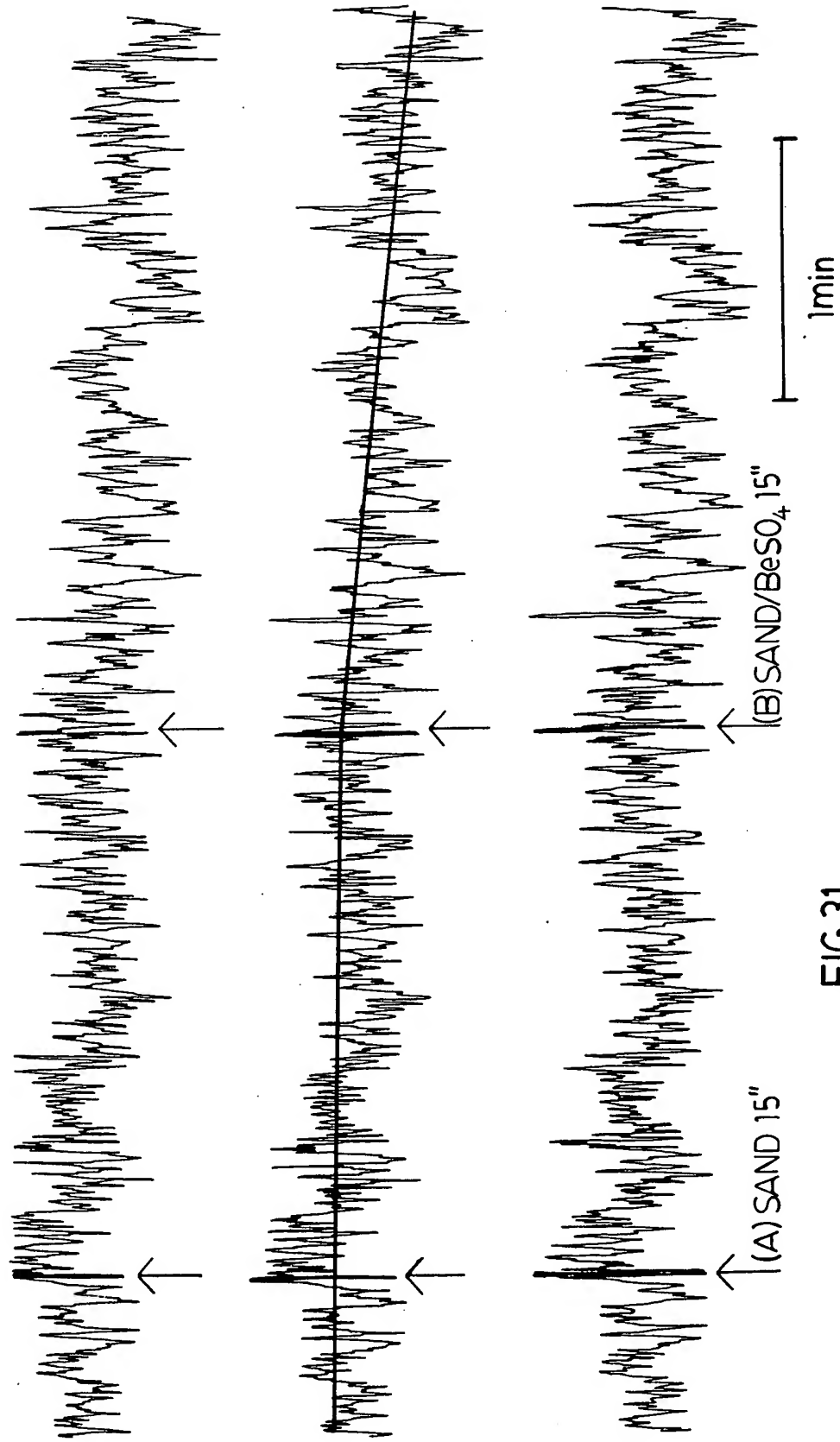


FIG.31

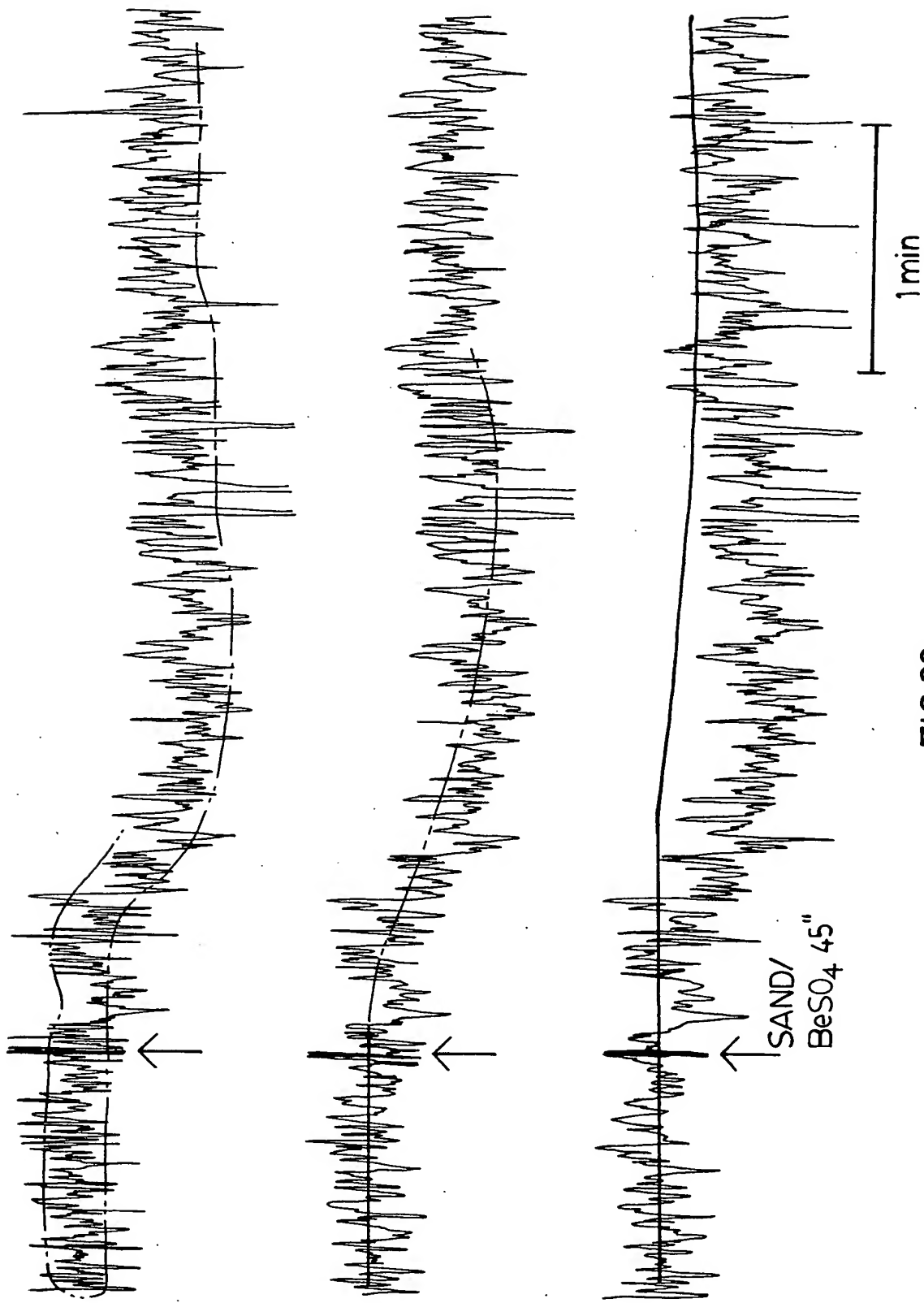


FIG.32

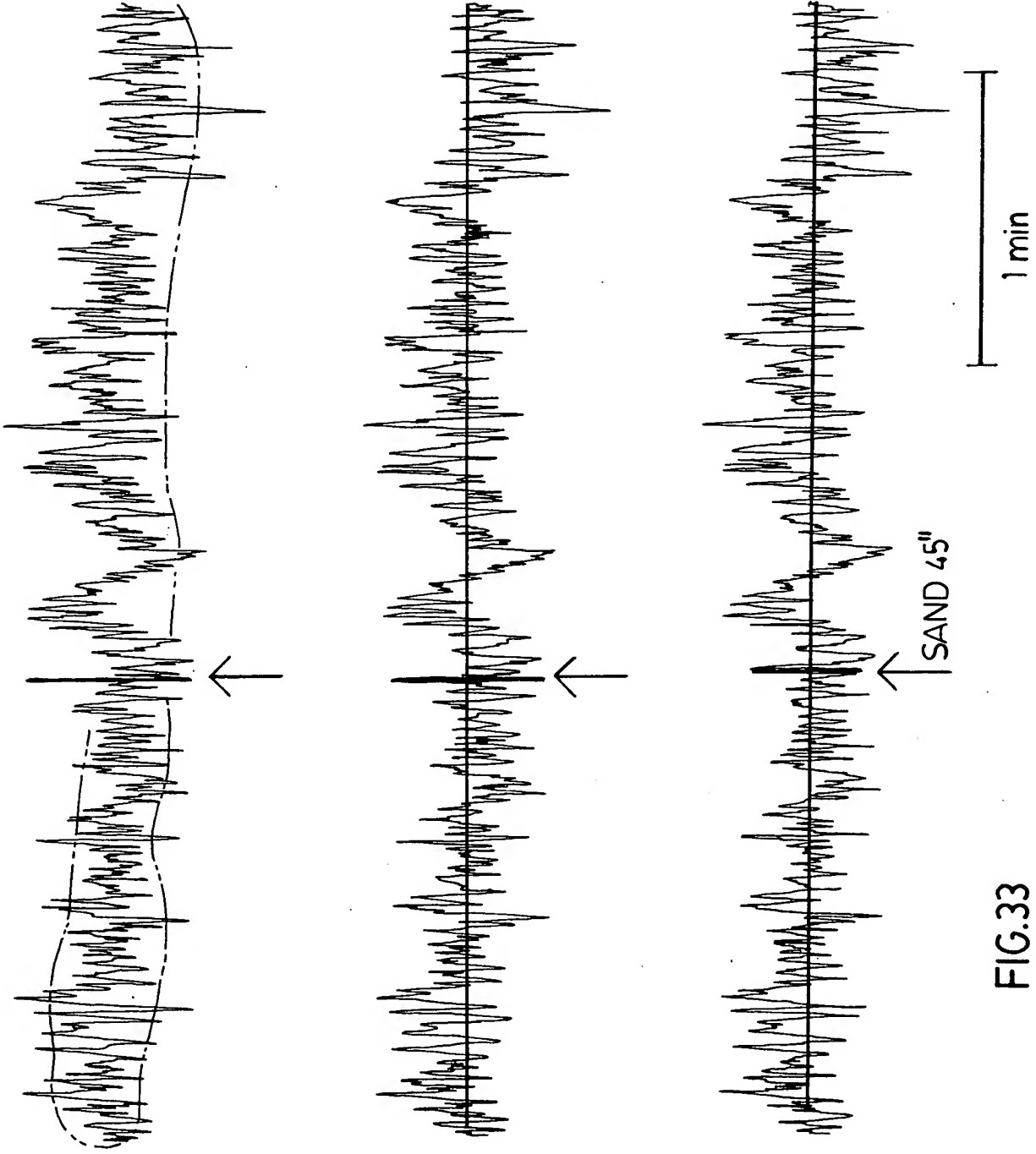


FIG.33

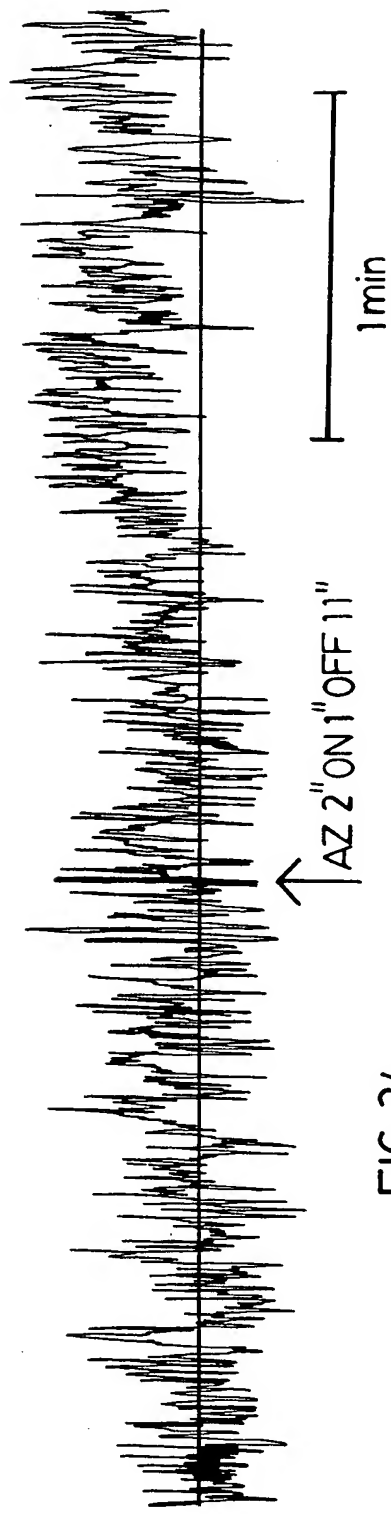
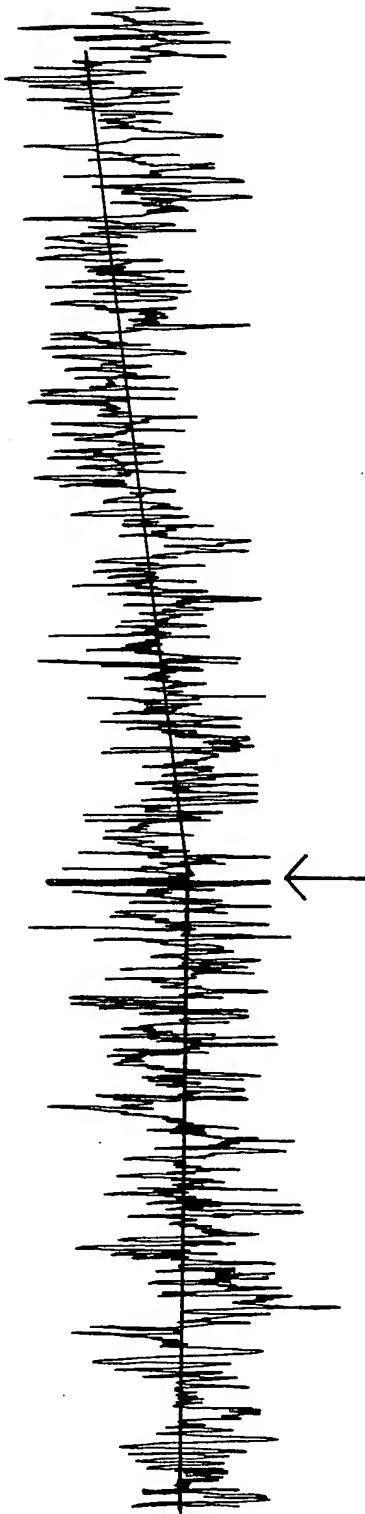
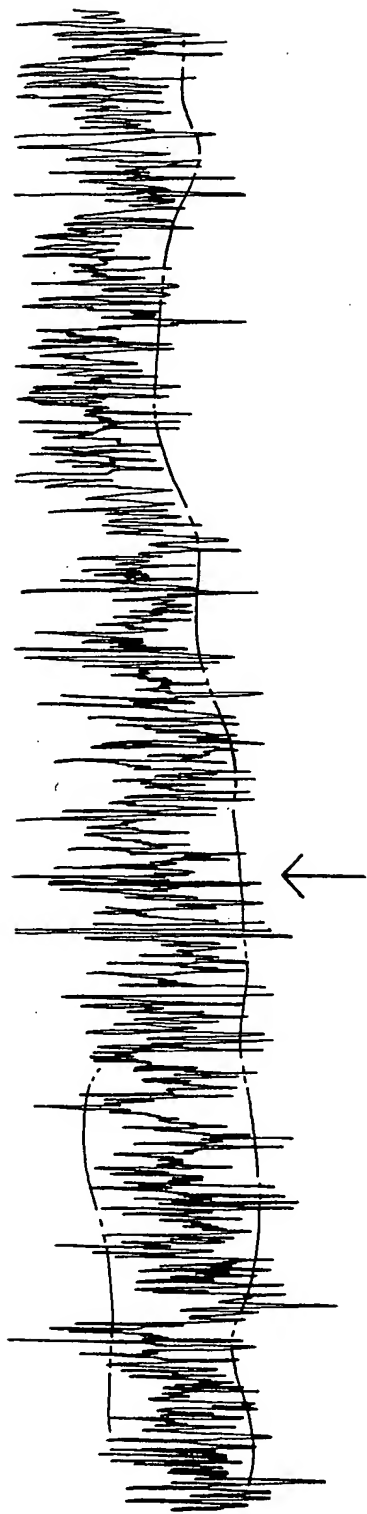


FIG. 34

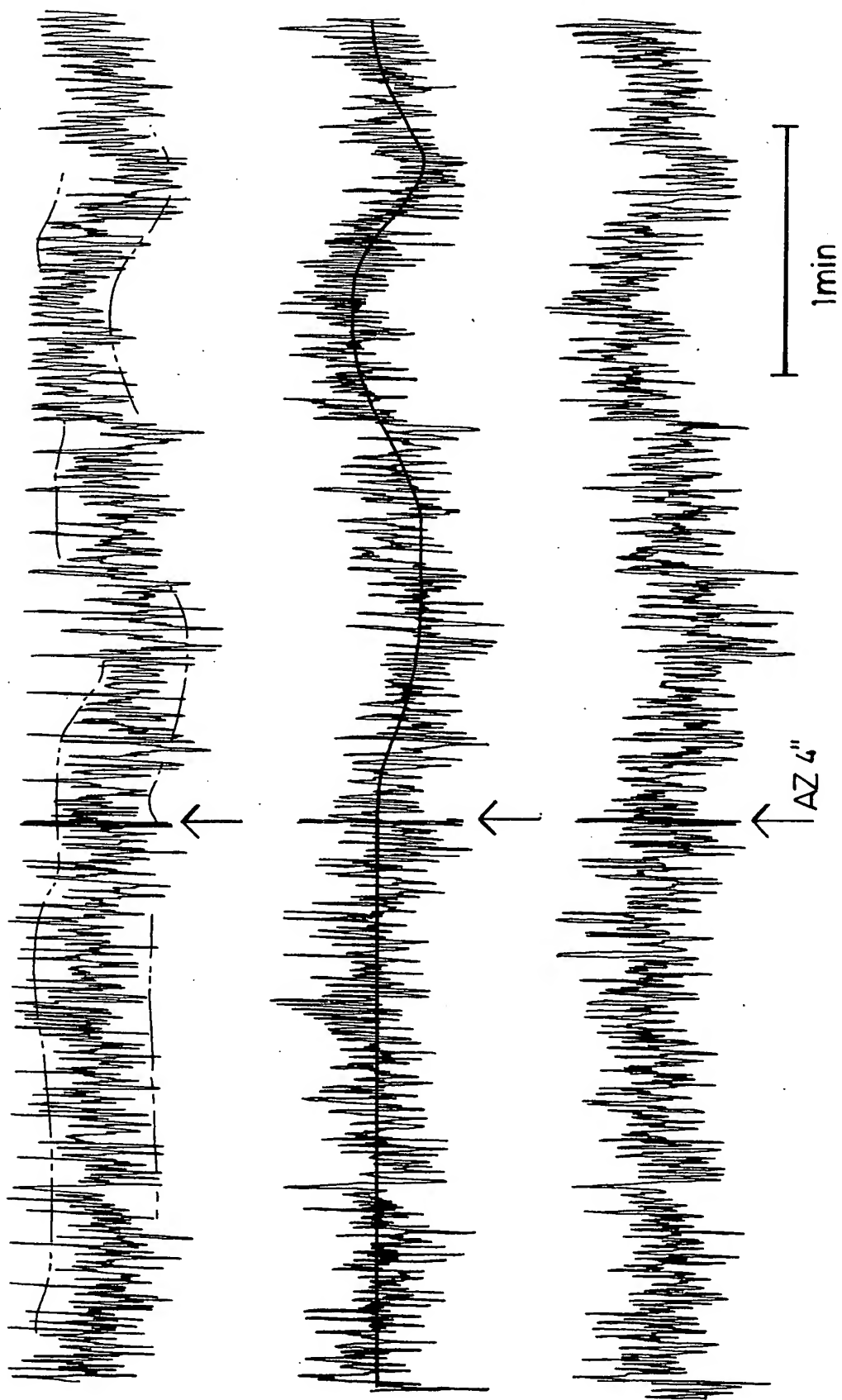


FIG.35

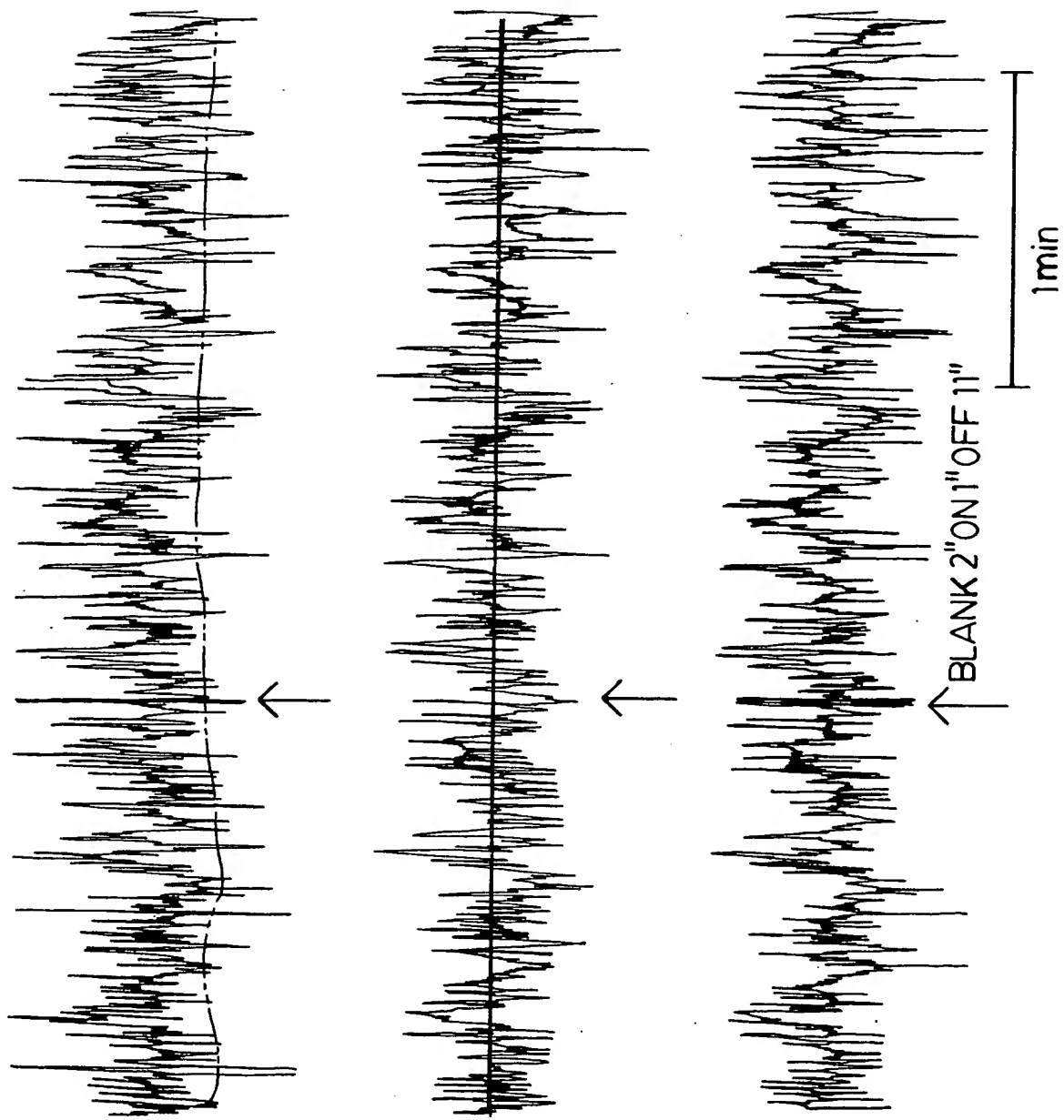


FIG.36

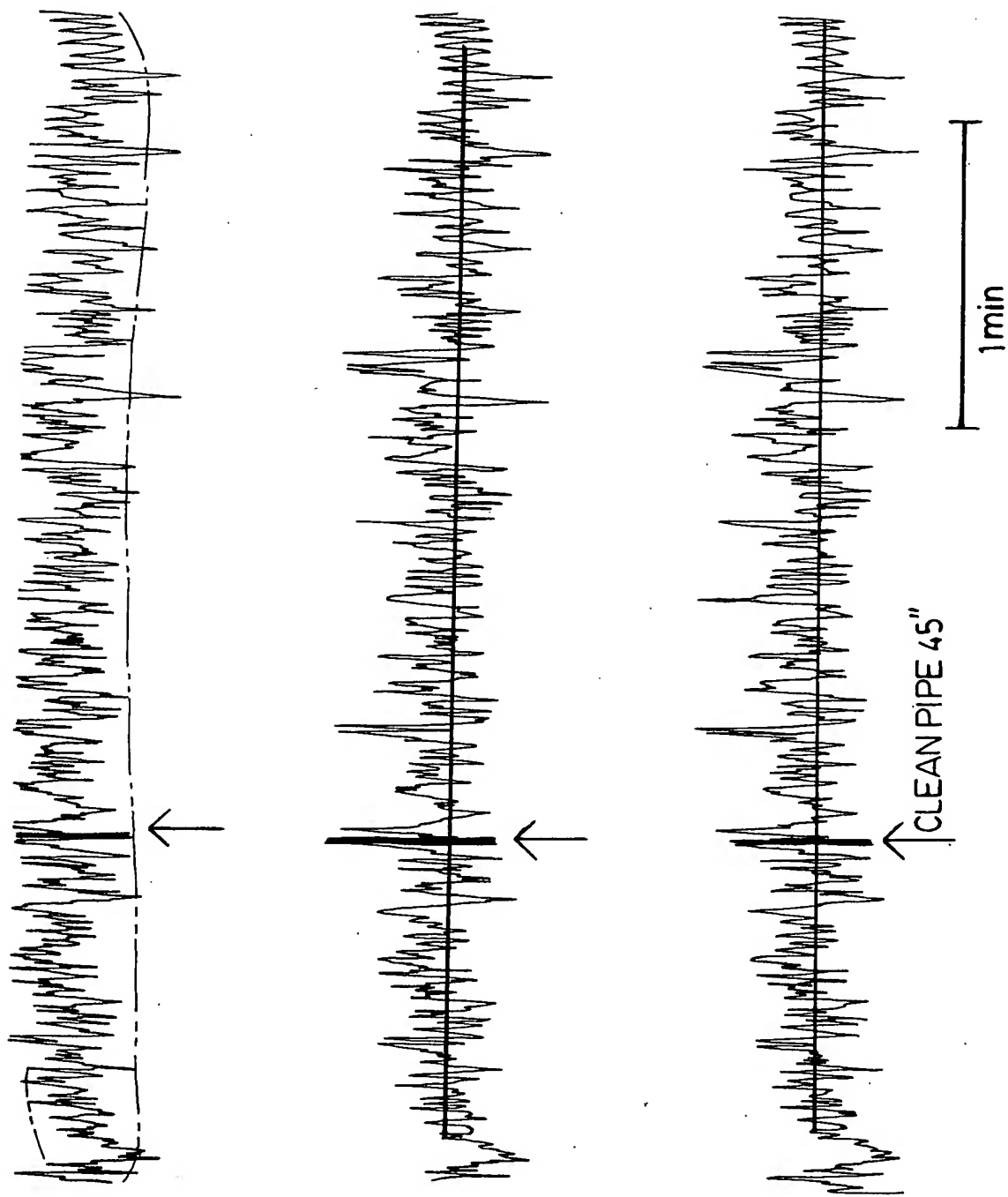


FIG.37

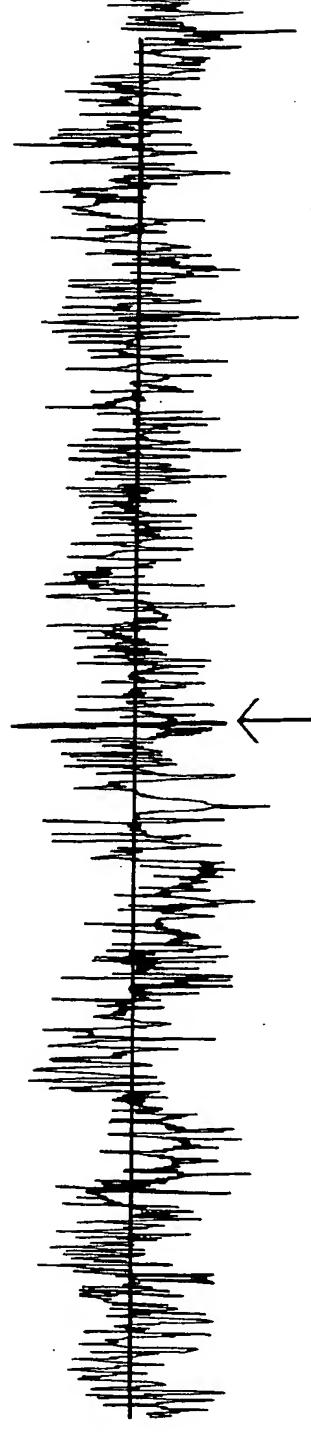
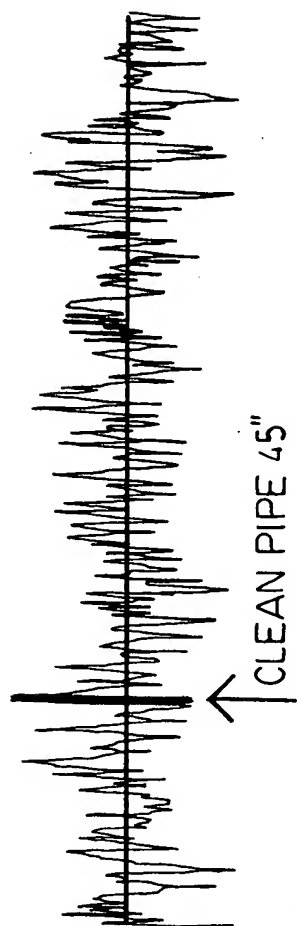
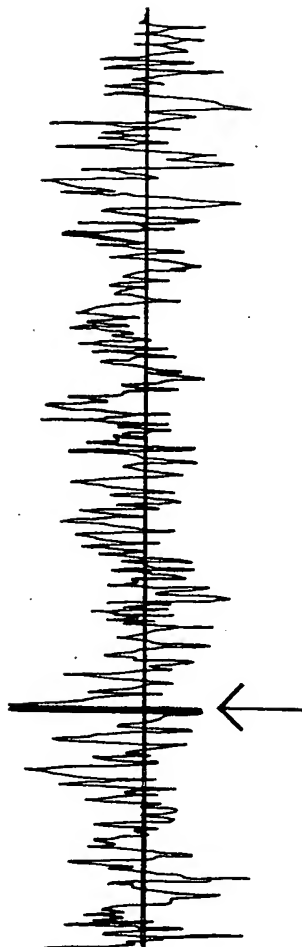


FIG.38



1min

FIG.39

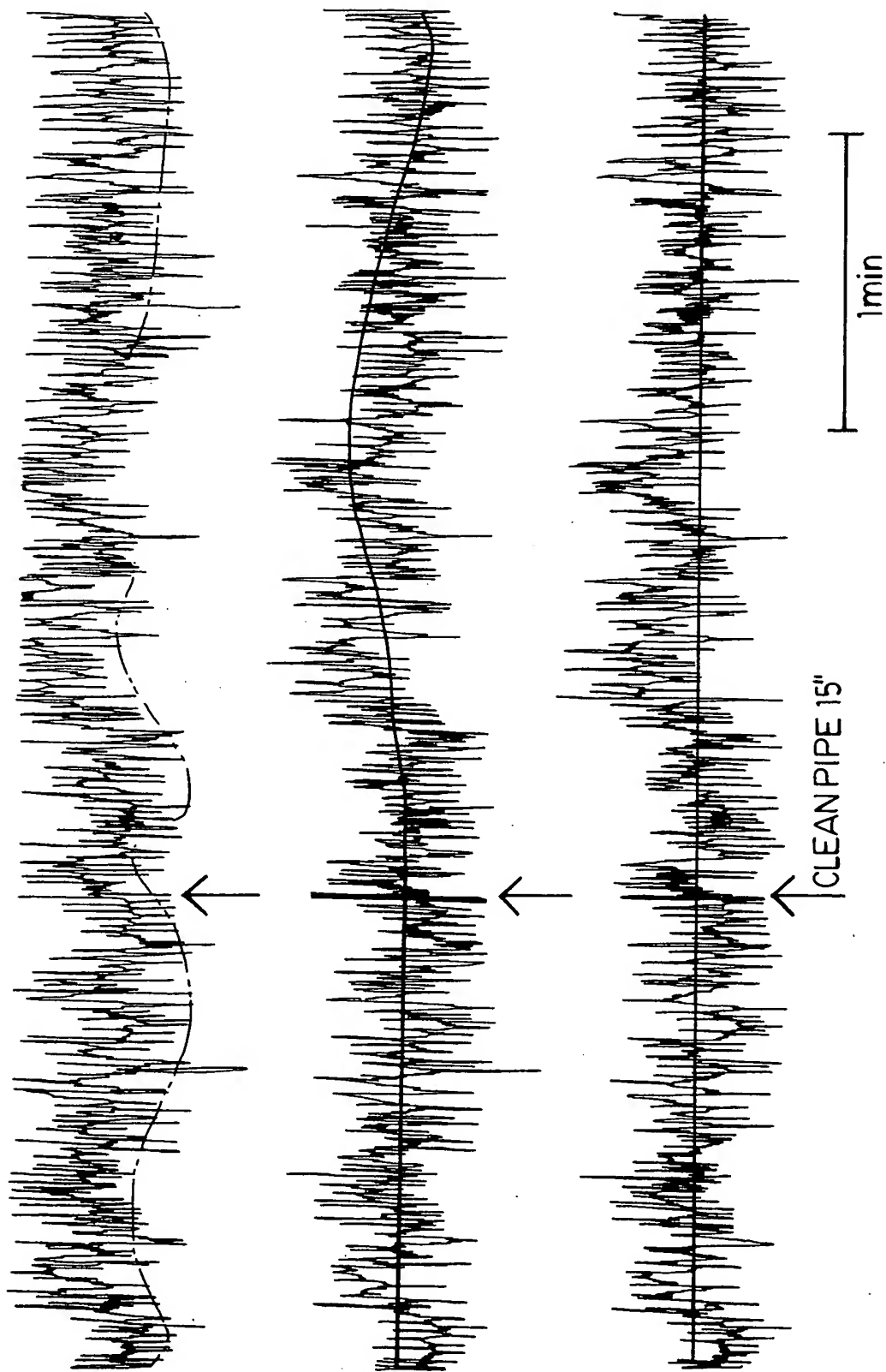


FIG. 40

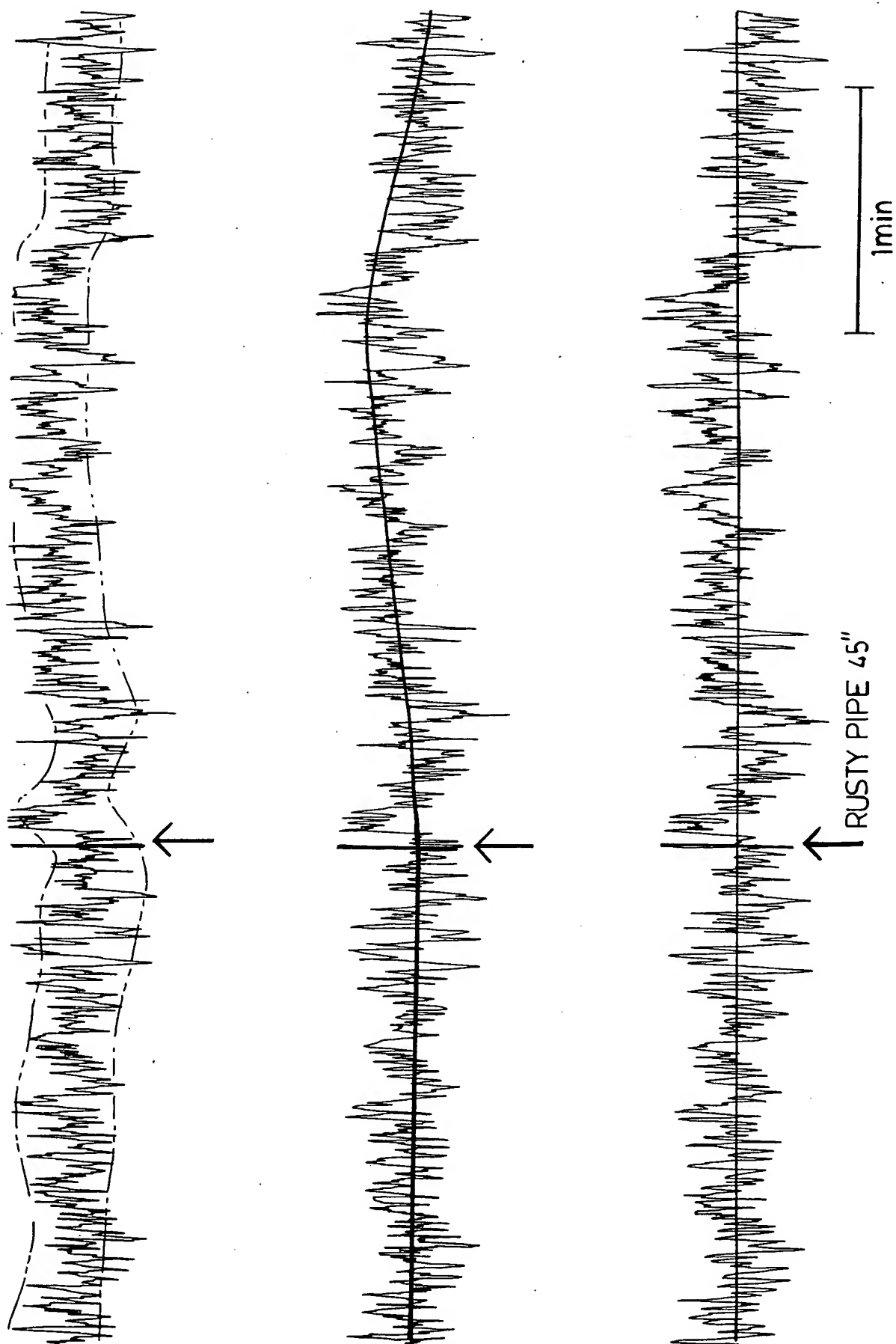


FIG.41

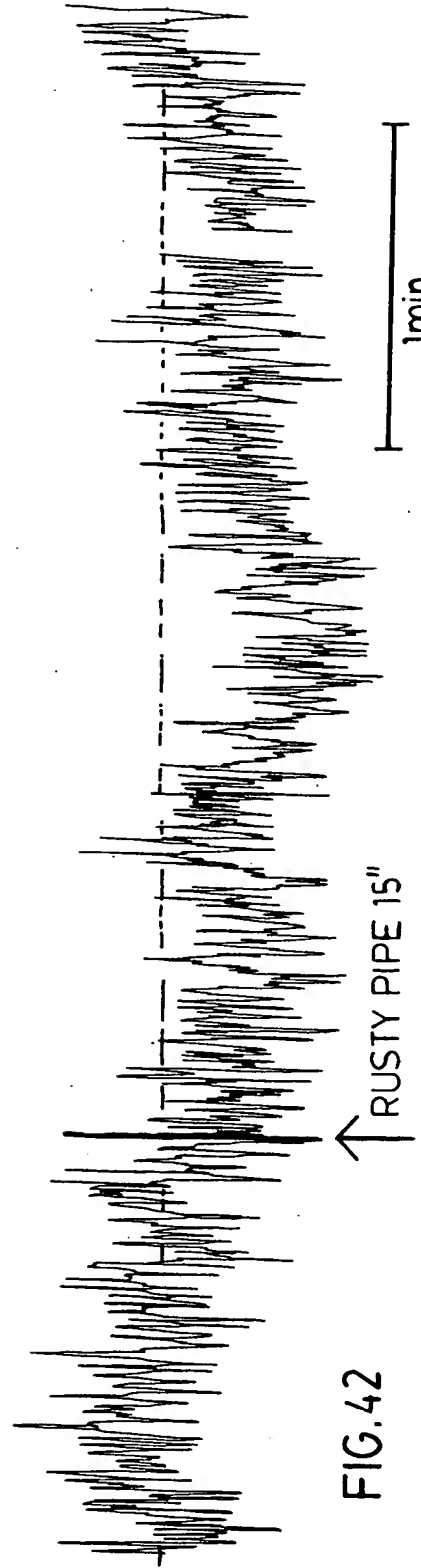
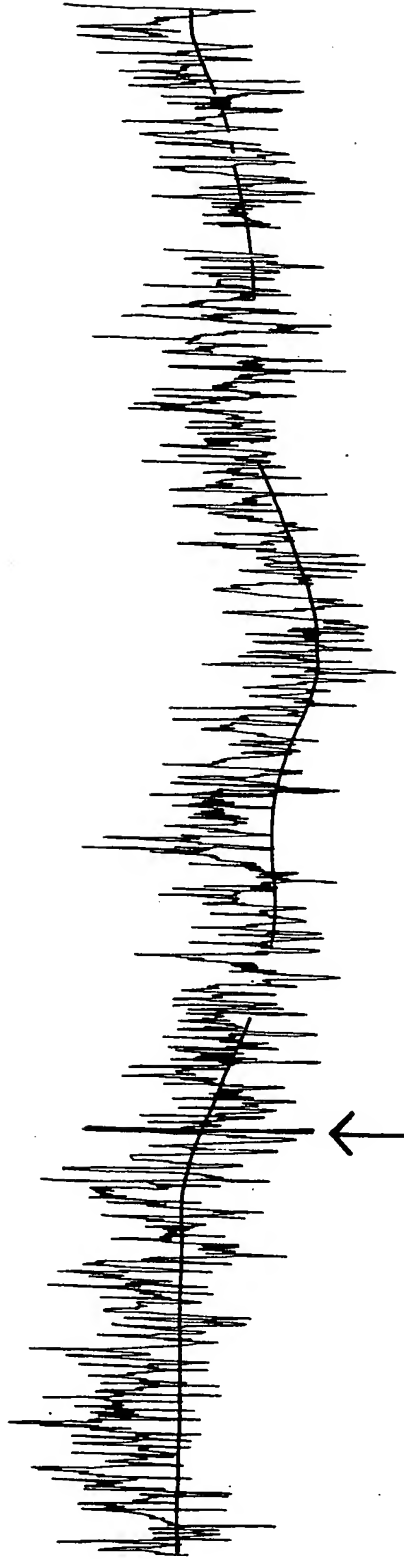
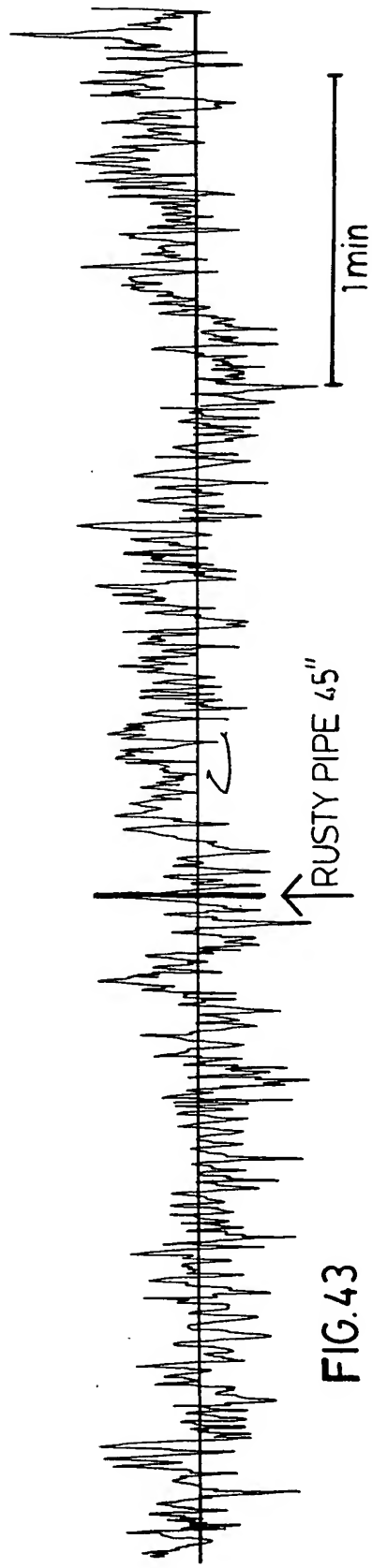
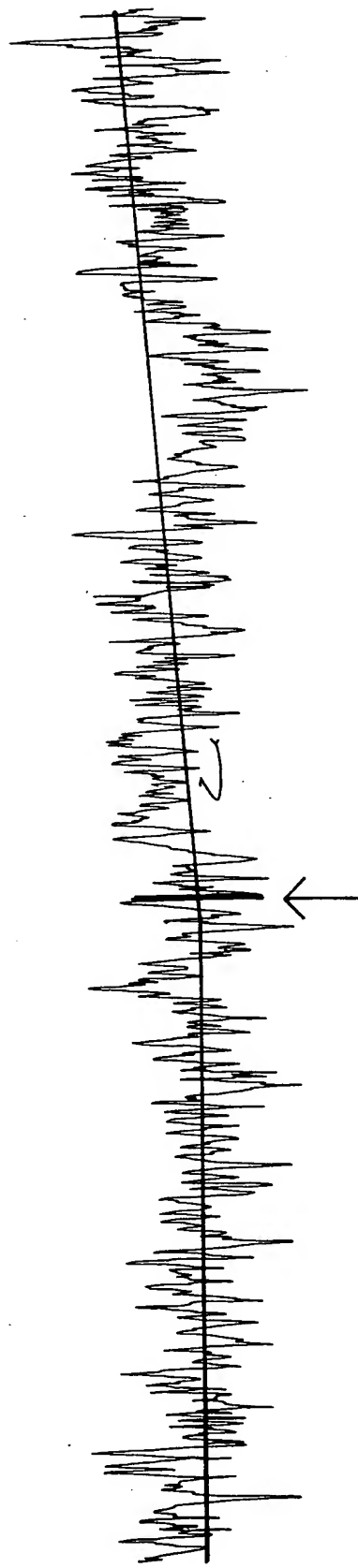
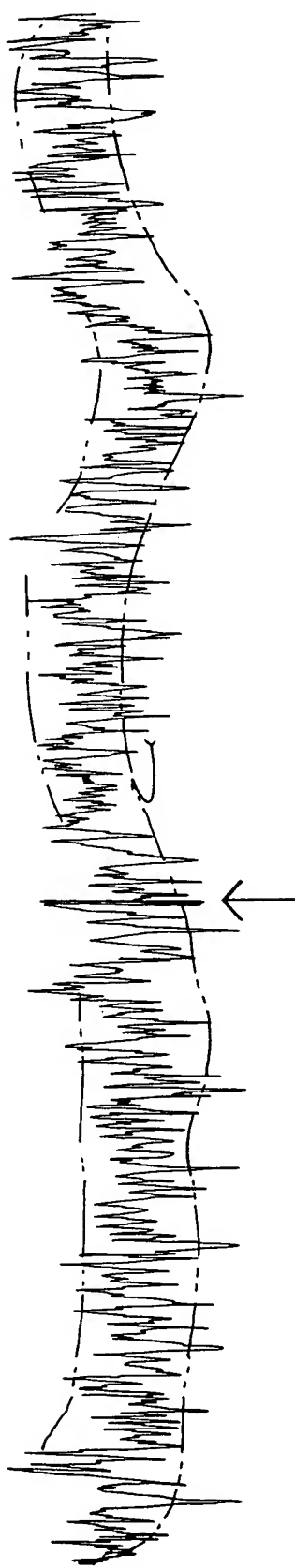


FIG.42

↑ RUSTY PIPE 15"

1min



RUSTY PIPE 45"

1 min

FIG.43

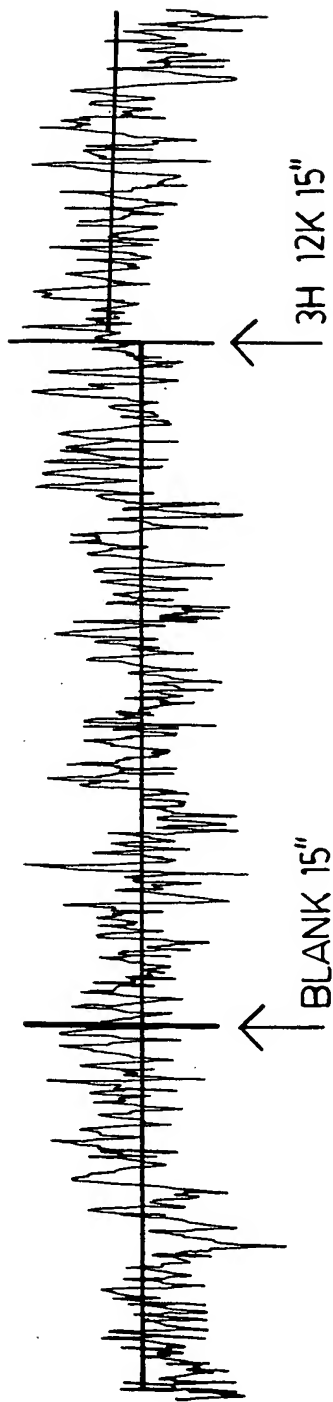
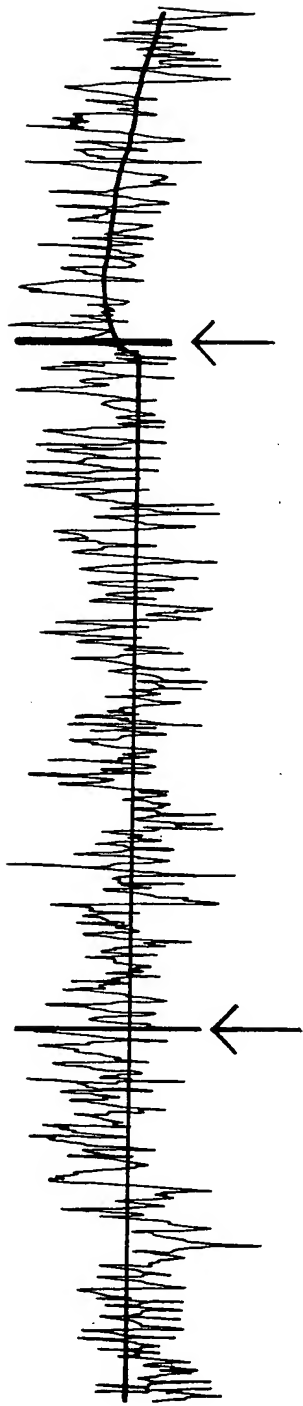
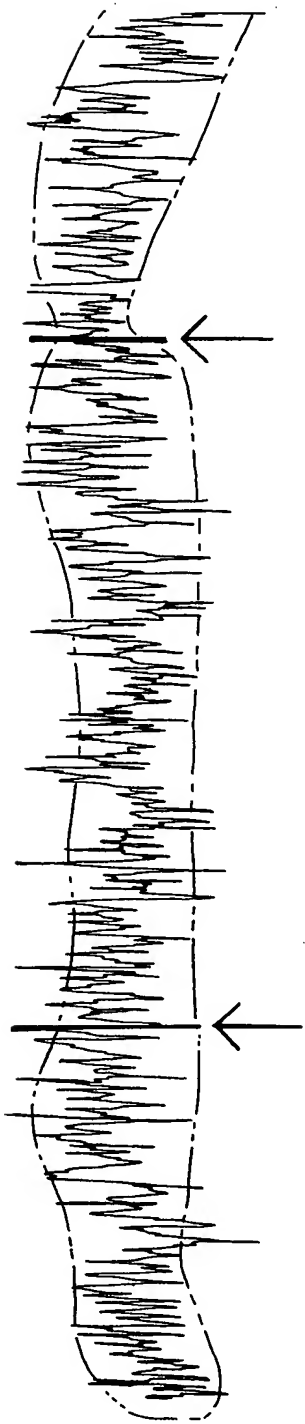


FIG. 44

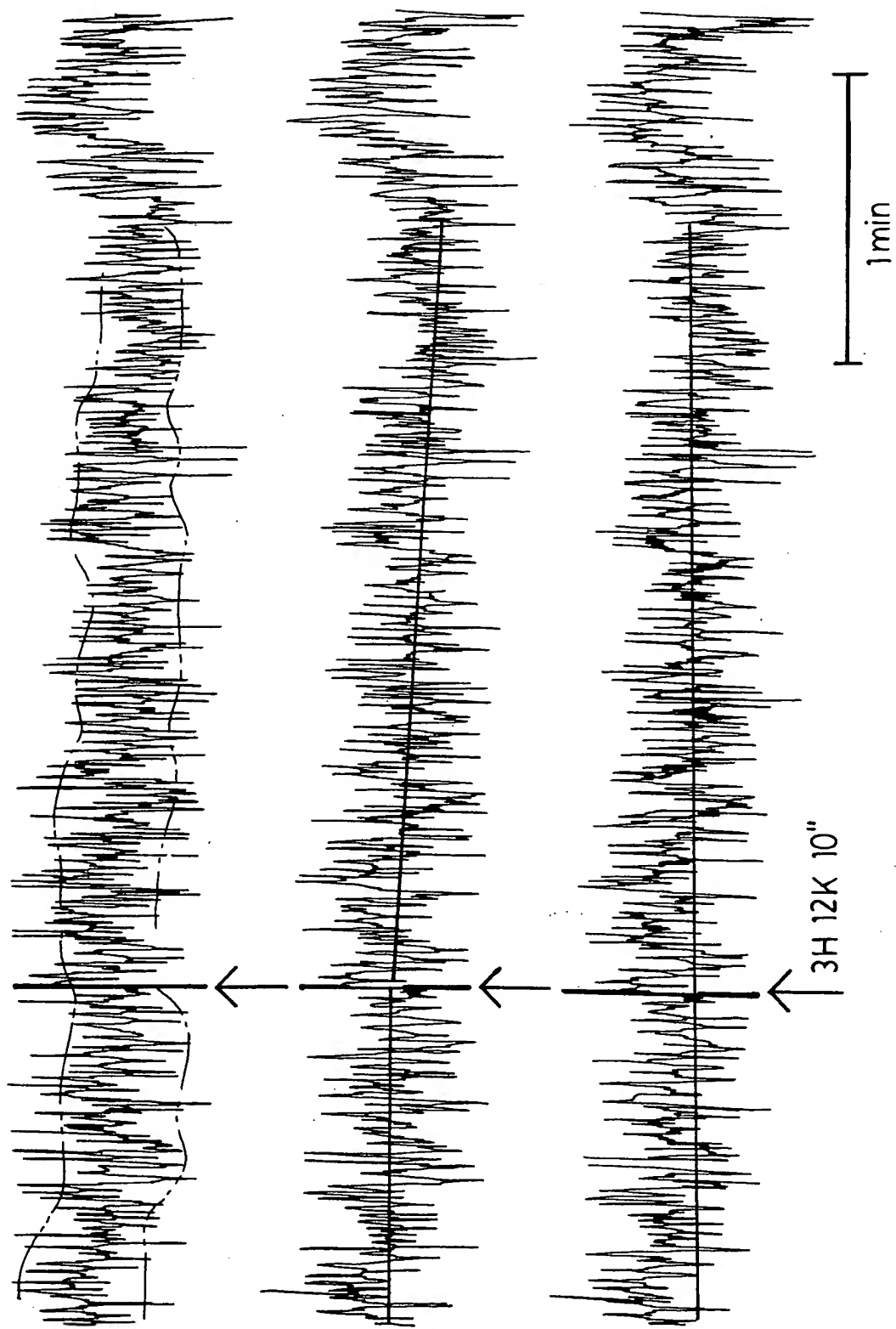


FIG.45

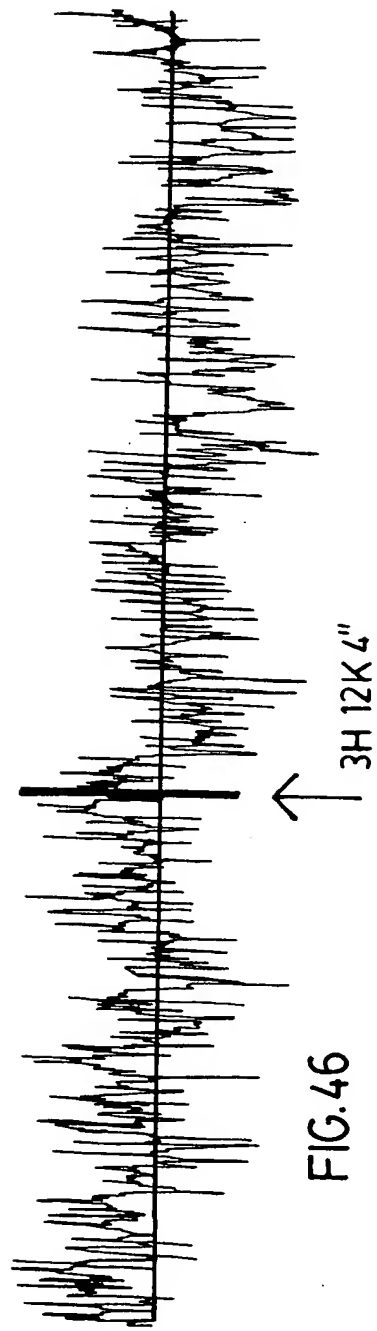


FIG.46

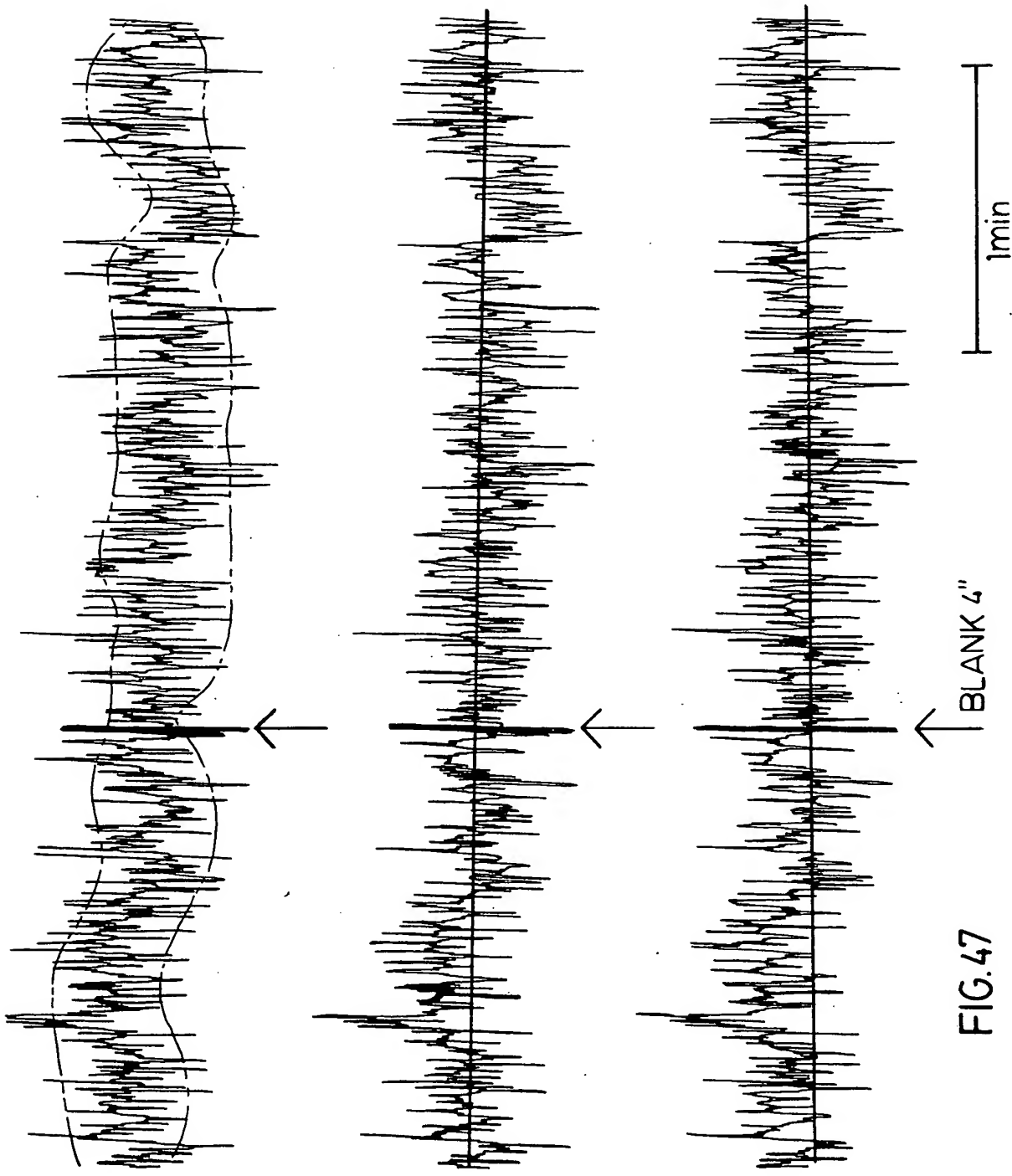


FIG.47

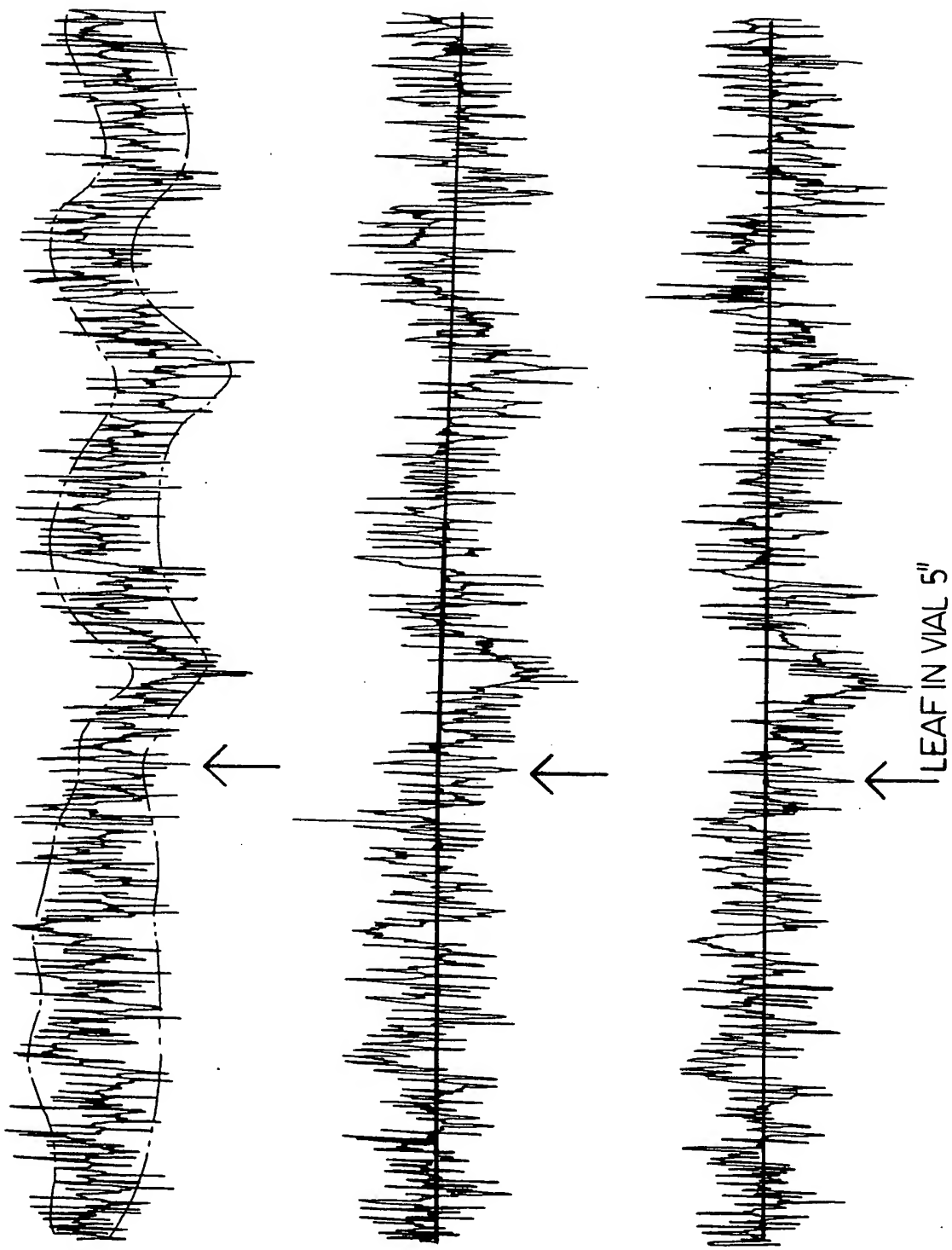


FIG.48

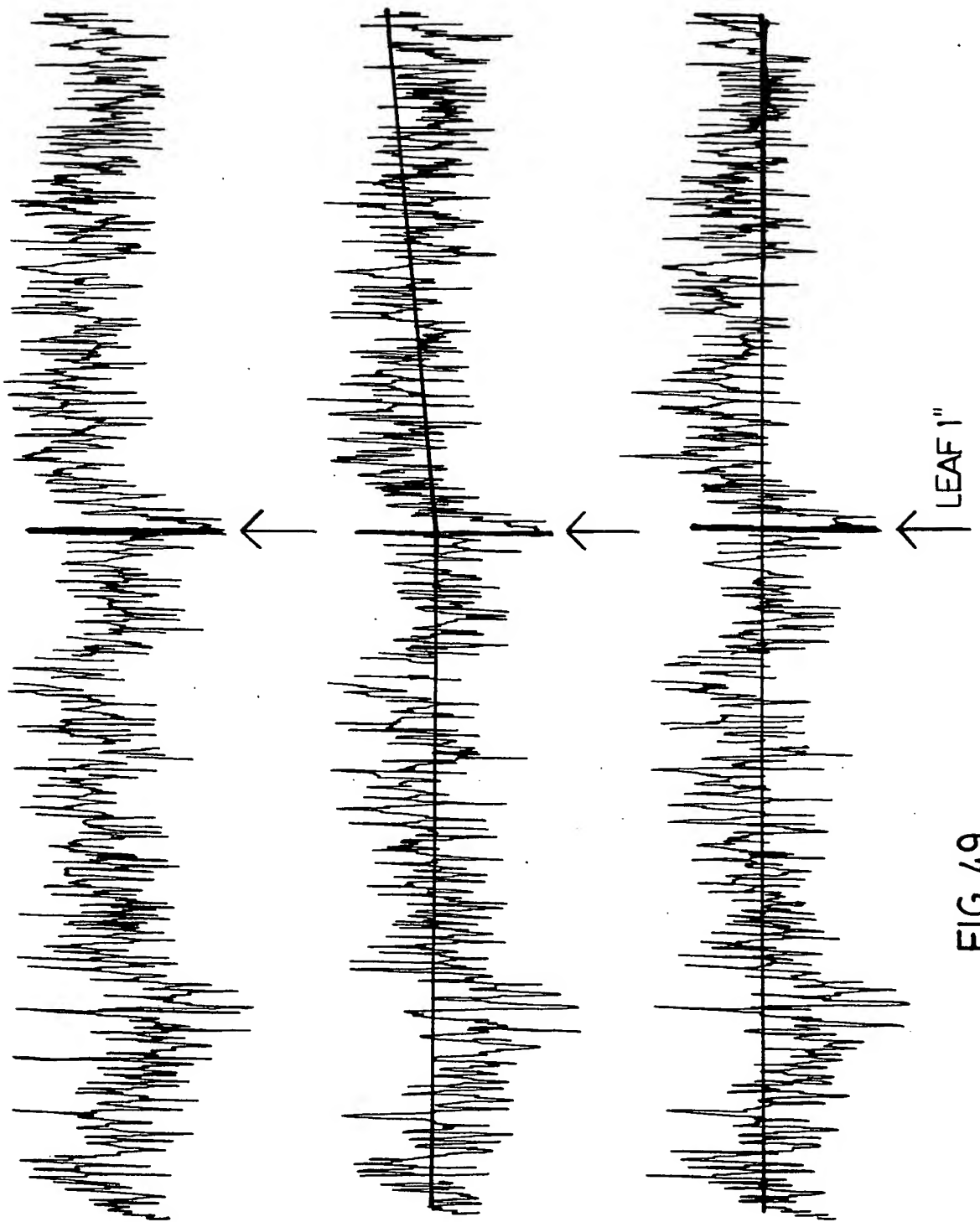


FIG. 49